

American Educators  
of  
Norwegian Origin

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Hofstead



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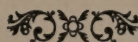
# AMERICAN EDUCATORS

of

Norwegian Origin  
A BIOGRAPHICAL DICTIONARY

By

John A. Hofstead



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John A. Hofstead



TO THE MEMORY OF THE FATHERS AND MOTHERS  
WHO TOILED AND SACRIFICED  
ON THE FRONTIERS OF AMERICA  
THAT THEIR CHILDREN MIGHT HELP  
TO INCREASE KNOWLEDGE  
AND BUILD CHARACTER  
IN THE NEW COUNTRY  
THIS BOOK IS DEDICATED





## PREFACE

"In the summer of 1925 American citizens of Norwegian birth and ancestry gathered in sundry places to take proper note of the fact that a full century had passed since the first shipment of Norse emigrants had sailed forth to build new homes in the western world. On these occasions a prominent question was always this: What have we Americans of the Norwegian race accomplished in these hundred years? \*\*\* No doubt one could \*\*\* write \*\*\* of what success our people have attained in business, in politics, in art, in the field of religion, or even in professional life; but those subjects lie without the limit of the present survey. There is, however, a series of questions that are not so frequently asked and have never been adequately answered\*\*\*. What have we achieved in the field of American scholarship? What share have we had in the promotion of knowledge? What important discoveries have we made and published? What recognition have we received in the guilds of scientific thought?"

Thus writes that eminent historian, Dr. Laurence M. Larson of the University of Illinois, in *Studies and Records*, Publications of the Norwegian-American Historical Association, volume II, page 63. The present work aims to answer, in part, those questions. It is a record, though necessarily incomplete, of the contribution of the people of Norwegian origin to the education and scholarship of America. It contains biographical sketches or entries of 860 men and women of Norwegian birth or ancestry who have served as members of the faculties of about 400 American universities, colleges, and other degree-conferring institutions for periods ranging from one to forty-seven years and with ranks varying from that of instructor to president.

Owing to the difficulty of obtaining the desired data and of keeping the information up-to-date during the process of preparing and publishing a work of this type, the educators listed herein have to their credit a considerable number of accomplishments which, unfortunately, are not included in the biographical sketches appearing in this volume. A general survey of the data given here, however, shows the following with respect to the men and women listed as American educators:

About 230 of them have taken or are about to take the degree of Doctor of Philosophy. This seems a very fair percentage in view of the fact that only 69 out of the 190 presidents of the universities and colleges approved by the Association of American Universities, the North Central Association of Colleges and Secondary Schools, and the Southern Association of Colleges and Secondary Schools had taken this degree in 1929 when President Homer P. Rainey wrote an article on the subject in *School and Society* for October 26 of that year.

Of those who have taken the degree of Doctor of Philosophy, one educator took it at the age of twenty-two, which is the record for that particular university since its founding 120 years ago; eight others took this degree at

the age of twenty-three; four took it at the age of twenty-five; thirteen at the age of twenty-six; and eleven at the age of twenty-seven. The man who did the work for this degree in the shortest time on record at the Johns Hopkins University, came to this country from Vestfold a few years ago, and in addition to pursuing his advanced studies served as full-time instructor in mechanical engineering in thermodynamics and mechanics at the same university. All told, approximately 600 of these educators have taken *some* advanced degree.

About 450 of them have been members or fellows of learned societies. One hundred have served as officers of such organizations, having held, among other offices, those of secretary of the American Institute of Chemical Engineers for eighteen years; vice-president of the Society for the Promotion of Engineering Education; vice-president of the National Education Association twice; vice-president of the American Association for the Advancement of Science three times; vice-president of the American Dental Association; president of the Dental Faculties Association; president of the National Association for the Promotion of Secondary Education; president of the National Biological Society; president of the American Society of Ichthyology and Herpetology; president of the Association of Official Agricultural Chemists; president of the Society of American Bacteriologists; president of the American Association of Pathologists and Bacteriologists; president of the American Society of Immunologists; president of the American Neurological Association; president of the American Electrotherapeutic Association; president of the American Phytopathological Society; president of the American Statistical Association; and president of the American Mathematical Society. In *American Men of Science*, eleven of them are classed as leading scientists of America in the fields of astronomy, biology, botany, chemistry, mathematics, pathology, physics, and plant physiology.

They have written, translated or edited between 900 and 1,000 books and larger bulletins in English, French, German, Norwegian, Russian, and Chinese, books which have passed through as many as twenty-six editions and have been translated into many other languages, including Italian, Spanish, Greek, and Japanese.

Important scientific contributions are, however, very frequently embodied in papers contributed to scientific journals. The papers and articles contributed to such and other journals by these educators run into many thousands, and if collected would make a scientific library of considerable importance.

More than 300 of the educators listed herein have been full professors or heads of departments. Twenty-two have served as deans or directors of twenty-six colleges. And sixteen have been presidents of eighteen different American universities and colleges (if three Norwegian-American four-year colleges were included in the count, the figures would be nineteen presidents of twenty-one colleges and universities).

They have been awarded more than 180 fellowships and scholarships in this and other countries. They have been honored with about twenty decorations by various governments. And they have had bestowed upon them more than sixty prizes, awards or medals, including the Edison medal, the English



gold medal, the Grasselli medal, the Howard N. Potts gold medal, the John Scott medal, the Reusch medal, the medal of the Royal Photographic Society of Great Britain, the Walker 1st prize, the Walker grand prize, award by the Social Science Research Council, grant by the American Council of Learned Societies, award by the National Research Council, the Rochester Civic Award of \$500, the annual \$1,000 award of the American Association for the Advancement of Science, and a \$2,500 prize offered by the United States Department of Agriculture.

At least 94 of these men and women have been listed in *Who's Who in America*. 115 have had their biographical sketches in *American Men of Science*. And about 350 have been listed in *some* work of reference ranging from one of the various *Who's Whos* to the leading encyclopedias of America and Europe.

The statistics given above do not include titles or ranks held in Norwegian-American colleges, nor do they refer to the men and women listed as World Educators.

With respect to the order of arrangement of the data given in each sketch, it should be noted that the plan generally followed has been to give, first, the present or what may appear to be the most important *teaching* position in a strictly *American* institution, this to be followed by the various other positions listed in chronological order. The grouping of the data under various topics, and the printing of the topical words, such as *Author*, *Member*, and *Born*, in bold-faced type, will enable the reader to locate almost instantly any item of information looked for.

The appendices include a list of sixteen Rhodes scholars from six American States and three nations; a list of forty World Educators who have served at universities and other institutions of higher learning in all parts of the world; a number of historical and other notes; and, finally, a list of about 400 American universities and colleges in which the 860 men and women listed herein have taught, with the location, history, enrollment, and number of teaching staff of each institution.

While the present work is confined to those engaged in teaching and research work in universities and colleges aside from those maintained by the Norwegian people, there are three other groups of American educators and scholars of Norwegian origin to whom reference should be made. The first group consists of those whose names are found in *Patterson's American Educational Directory*, *Who's Who and Why in After-War Education*, *Private Schools*, *Who's Who in Education*, and various other reference works, who hold executive or other important positions in the field of education, or who labor unheralded and unsung developing the minds and building the character of future citizens in the elementary and secondary schools of America. The second group includes those whose biographies grace the pages of *School Calendar, 1824-1924*, *American Men of Science*, *Who's Who in Education*, *Who's Who in American Education*, *Who's Who in America*, and numerous similar works, whose lives and energies are devoted nobly and efficiently to educational and scientific work in the schools and colleges maintained by the Norwegian people in the United States and Canada. And the third group

embraces those whose biographies are contained in *American Men of Science*, *Who's Who in Mining and Metallurgy*, *Who's Who in Engineering*, *Who's Who in American Medicine*, *Who's Who in America*, and many other similar works, who, in the various pursuits and professions falling within the realm of science, are adding to human knowledge and applying that knowledge in making life richer and man happier.

During the progress of the present investigation the writer has come across a considerable number of educators whose names point to a Norwegian origin, but whom it has been found impossible to trace to the point of contact. Others, with similar names, have been located, but all efforts to obtain definite information from or about them have proved futile. There is also a third group whose names no longer indicate their national origin. The biographical sketches presented herein are the results of several years' intensive investigation, including a careful examination of the available records of approximately 1,000 degree-conferring institutions, a vast amount of reading, particularly in the field of university and college publications and biographical works, and the sending out of many thousands of questionnaires and letters of inquiry.

The writer wishes to record his gratitude to Dr. Theodore C. Blegen of the University of Minnesota, Dr. Knut Gjerset of Luther College, and Dr. Laurence M. Larson of the University of Illinois for the inspiration which their historical researches have furnished him; to the educational institutions whose records have been made available for examination; to the numerous libraries whose facilities for research have been placed at his disposal; and to that host of men and women in all parts of the country who have shown a kindly interest in the compilation of the record here presented and have furnished information in connection with it.

JOHN A. HOFSTEAD.



## INTRODUCTION

The achievements of the pioneers who followed in the trails blazed by Cleng Peerson and Ole Rynning have been recorded by historians and celebrated by novelists, but no writer has probed deeply into the complex cultural ramifications of that story from the first pioneering generation down to the present.

One of those ramifications forms the theme of this biographical dictionary—the part played by Norwegian-Americans in American education and in the promotion of knowledge. In exploiting this theme Mr. Hofstead has not contented himself with generalizations. At the expense of infinite care and unceasing labor over a period of several years he has collected biographical and bibliographical details, revised and arranged them, and set them forth. The resulting volume comprises a storehouse of dependable and useful information and deserves a respected place among American biographical works.

Mr. Hofstead has a passion for facts. He presents the results of his investigations, permitting the record to speak for itself. Supplemented by the *School Calendar, 1824-1924*, which contains biographical information about teachers and scholars identified with Norwegian-American institutions, it goes a long way toward supplying a quantitative answer to the very interesting questions raised by Professor Laurence M. Larson and quoted in the preface to this volume.

Though a quantitative measure can furnish no final answer to some of Professor Larson's questions, it seems clear that in the field of scholarship Norwegian-Americans have vigorously taken up the challenge of their pioneering heritage. The record that Mr. Hofstead has compiled is to a very considerable extent one of pioneering, a record of scholars who, in one way or another, have extended the frontiers of knowledge. Some of the names that he includes are famous; many are little known, however; and not a few are almost wholly unknown among Norwegian-Americans. The scholarly contributions with which the various names are associated range from the humble to the important. One spirit gives coherence to the record, however, and that is the spirit of intellectual pioneering.

Though I do not find myself wholly in agreement with the compiler in reference to the principles of selection that he has applied, I believe that he has done a very valuable piece of work and I bespeak for it a cordial welcome from the public.

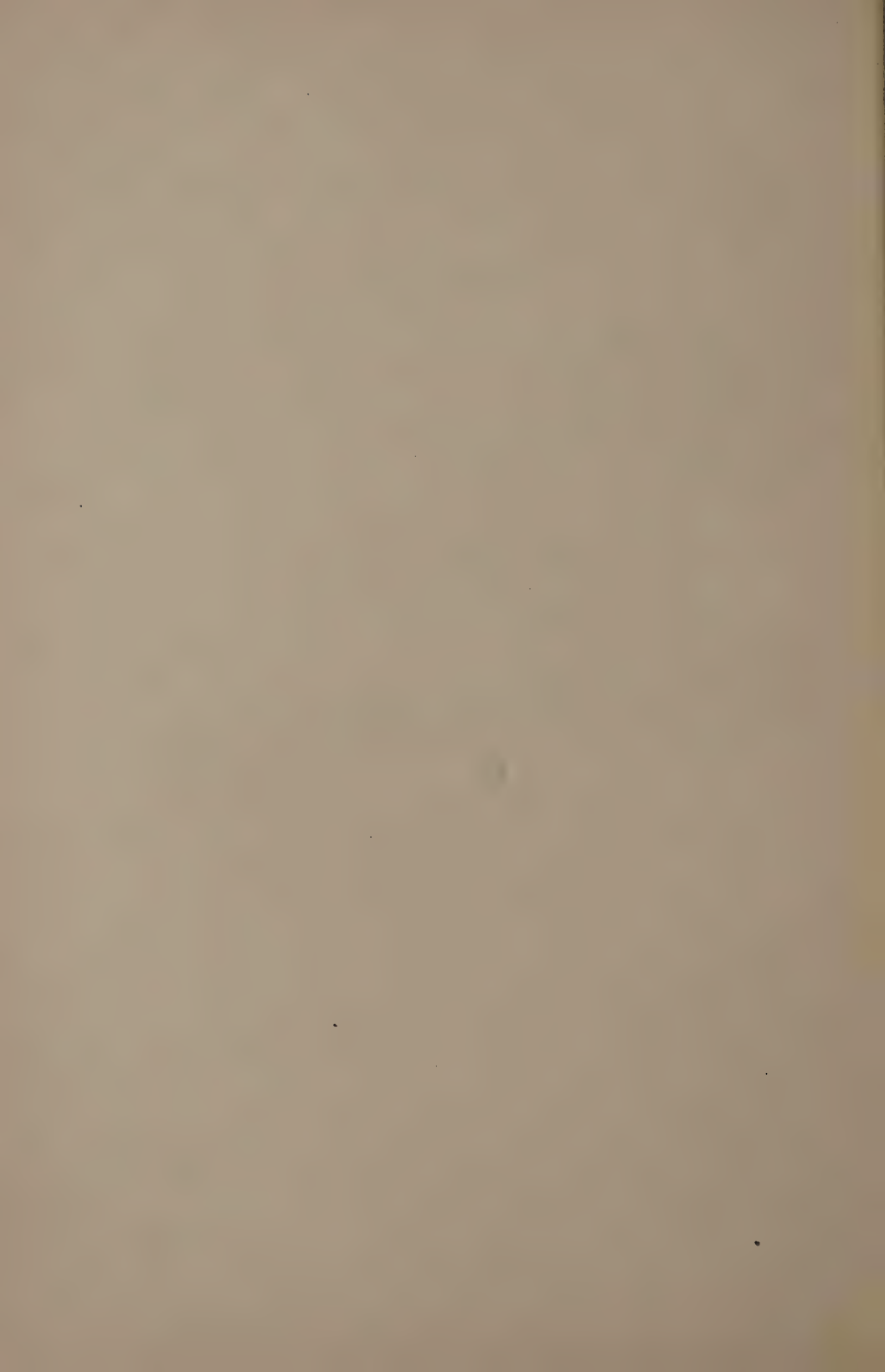
THEODORE C. BLEGEN.





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## ABBREVIATIONS AND EXPLANATIONS

A.B.—Bachelor of Arts.	Cand. Phil.—Candidatus Philosophiae, corresponding to Ph.M.
Add.—Additional.	Cand. Real.—Candidatus Realium, corresponding to M.S.
A.M.—Master of Arts.	C.E.—Civil Engineer.
B.A.—Bachelor of Arts.	Ch.E.—Chemical Engineer.
B.Accts.—Bachelor of Accounts.	Chem.—Chemical.
B.A.E.—Bachelor of Arts Education.	C.M.—Master in Surgery.
B.B.A.—Bachelor of Business Administration.	C.P.A.—Certified Public Accountant.
B.C.L.—Bachelor of Civil Law.	C.S.T.—Candidate of Sacred Theology.
B.C.S.—Bachelor of Commercial Science.	C.T.—Candidate of Theology.
B.D.—Bachelor of Divinity.	Cum Laude—With Praise (denoting superior merit).
B.Did.—Bachelor of Didactics.	D.D.—Doctor of Divinity.
B.E.—Bachelor of Education.	D.D.S.—Doctor of Dental Surgery.
B.E.E.—Bachelor of Electrical Engineering.	Di.B.—Bachelor of Didactics.
B.F.A.—Bachelor of Fine Arts.	Dipl. Ing. in M.E.—Diplomingeniör in Mechanical Engineering.
B.L.—Bachelor of Letters (or Literature).	D.Litt.—Doctor of Literature.
B.L.S.—Bachelor of Library Science.	D.M.D.—Doctor of Medical Dentistry.
B.M.E.—Bachelor of Mechanical Engineering.	D.P.H.—Doctor of Public Health.
B.Mus.—Bachelor of Music.	Dr. Ing.—Doctor of Engineering
B.P.E.—Bachelor of Physical Education.	D.V.M.—Doctor of Veterinary Medicine.
B.S.—Bachelor of Science	E.B.—Bachelor of Education.
B.S.A.—Bachelor of Science in Agriculture.	Econ.—Economic or Economics.
B.S.Arch.—Bachelor of Science in Architecture.	Ed. (or Eds.)—Edition (or Editions)
B.S. in Bus.—Bachelor of Science in Business.	Edn.—Education.
B.S. in C.E.—Bachelor of Science in Civil Engineering.	E.E.—Electrical Engineer.
B.S. in Econ.—Bachelor of Science in Economics.	E.M.—Engineer of Mines.
B.S. in E.E.—Bachelor of Science in Electrical Engineering.	Examen Artium—Corresponding to B.A.
B.S. in H.E.—Bachelor of Science in Home Economics.	F.A.C.P.—Fellow, American College of Physicians.
B.S. in M.E.—Bachelor of Science in Mechanical Engineering.	F.A.C.S.—Fellow, American College of Surgeons.
Bull.—Bulletin.	F.R.S.M.—Fellow, Royal Society of Medicine.
Cand. Mag.—Candidatus Magisteriae, corresponding to M.A.	G.D.H.—Graduate in Dental Hygiene.
	Grad.—Graduate.
	Hon.—Honorary (before degree or member); Honorable (before name).
	Ibid.—In same journal or institution.



J.D.—Doctor of Jurisprudence.  
 J.S.D.—Doctor of Juridical Science.  
 L.B.—Bachelor of Letters (or Literature).  
 L.H.D.—Doctor of Literature.  
 Litt.D.—Doctor of Literature.  
 LL.B.—Bachelor of Laws.  
 LL.D.—Doctor of Laws.  
 L.R.C.P.—Licentiate Royal College of Physicians.  
 M.A.—Master of Arts.  
 M.Accts.—Master of Accounts.  
 Magna Cum Laude—With Great Praise (denoting work of superior order).  
 M.Arch.—Master of Architecture.  
 M.B.A.—Master of Business Administration.  
 M.Com.—Master of Commerce.  
 M.D.—Doctor of Medicine.  
 M.E.—Mechanical Engineer.  
 M.F.—Master of Forestry.  
 M.L.—Master of Letters (or Literature).  
 M.M.E.—Master of Mechanical Engineering.  
 M.R.C.S.—Member, Royal College of Surgeons.  
 M.S.—Master of Science.  
 M.S.A.—Master of Science in Agriculture.  
 M.Sc. Did.—Master of Science in Didactics.  
 M.S.E.—Master of Science in Engineering.  
 M.S. in E.E.—Master of Science in Electrical Engineering.  
 M.S. in M.E.—Master of Science in Mechanical Engineering.  
 Mus.B.—Bachelor of Music.  
 Mus.D.—Doctor of Music.  
 Mus.M.—Master of Music.  
 No.—Number.  
 P. (or PP.)—Page (or Pages).  
 Pd.D.—Doctor of Pedagogy.  
 Pd.M.—Master of Pedagogy.  
 Pharm.—Pharmacy or Pharmaceutical.  
 Ph.B.—Bachelor of Philosophy.

Ph.B. in F.A.—Bachelor of Philosophy in Fine Arts.  
 Ph.C.—Pharmaceutical Chemist.  
 Ph.D.—Doctor of Philosophy.  
 Ph.G.—Graduate in Pharmacy.  
 Ph.M.—Master of Philosophy.  
 Publications:—Those enclosed in quotation marks are contributions to journals or books; those given in *italics* are books or other separate publications.  
 Q.V.—Which See.  
 R.N.—Registered Nurse.  
 Rom. Lang.—Romance Languages.  
 Rus—Book published at Cornell university, containing biographical sketches of leaders in the field of agriculture.  
 Sc.D.—Doctor of Science.  
*School Calendar—School Calendar, 1824-1924, A Who's Who among Teachers in the Norwegian Lutheran Synods of America*, Augsburg Publishing House, Minneapolis, 1924.  
 Sci.—Scientific.  
 S.J.D.—Doctor of Juridical Science.  
 Soc.—Society or Social.  
 S.T.B.—Bachelor of Sacred Theology.  
 S.T.D.—Doctor of Sacred Theology.  
 Summa Cum Laude—With the Highest Praise (denoting work of greatest excellence).  
 Supt.—Superintendent.  
 Th.D. (or Theol.D.)—Doctor of Theology.  
 Th.M.—Master of Theology.  
 University of Oslo—Universitas regia Fredericana, its official name, or the Royal Fredrik's University, named after Fredrik VI, King of Norway at the time of its founding, in 1811.  
 Vol.—Volume.  
*Who's Who among Pastors—Who's Who among Pastors in all the Norwegian Lutheran Synods of America, 1843-1927*, Augsburg Publishing House, Minneapolis, 1928.

## AMERICAN EDUCATORS OF NORWEGIAN ORIGIN

**AAMODT, OLAF SVERRE**, B.S., University of Minnesota, 1917; M. S., *ibid.*, 1922; Ph. D., *ibid.*, 1927. Associate Professor of Genetics and Plant Breeding, in charge of Cereal Breeding, University of Alberta, Edmonton, Canada, 1928—. In U. S. Army (in foreign service, 17 months, serving a total period of 27 months, one of the survivors of the torpedoed troopship *Tuscania*), World War; Associate Plant Pathologist, U. S. Department of Agriculture, stationed at the University of Minnesota, 1917-28; Instructor in Genetics, University of Minnesota, 1924-28. Made a tour of the British Isles, Norway, Sweden, Denmark, Germany, Belgium, and France, studying methods in genetics and plant pathology, and making personal contact with the various workers in these fields, Summer 1928. **Author:** "Controlling flax wilt by seed selection" (with others), *Journal of American Society of Agronomy*, Vol. 11, pp. 291-298, 1919; "Breeding wheat for resistance to physiologic forms of stem rust," *ibid.*, Vol. 19, pp. 206-218, 1927; "Correlation between yielding ability, reaction to certain diseases, and other characters of spring and winter wheats in rod-row trials" (with others), *ibid.*, Vol. 19, pp. 896-909, 1927; "The effect of fertilizers on the development of stem rust of wheat" (abstract, with E. C. Stakman), *Phytopathology*, Vol. 12, 1922; "The Inheritance of rust resistance to several biologic forms of *Puccinia graminis tritici* in a cross between Kanred and Marquis wheats" (abstract), *ibid.*, Vol. 12, 1922; "Inheritance in wheat of resistance to black stem rust" (with others), *ibid.*, Vol. 15, pp. 371-387, 1925; "Physiologic evidence on the genetic identity of natural and synthetic strains of wild emmer" (with M. N. Levine), *ibid.*, Vol. 15, pp. 553-558, 1925; "A study of growth habit

and rust reaction in crosses between Marquis, Kota, and Kanred wheats" (thesis for Ph. D.), *ibid.*, Vol. 17, pp. 573-609, 1927; "Correlated inheritance in wheat of winter-spring habit of growth and rust resistance" (abstract), *Anatomical Record*, Vol. 23, 1922; "A study of the inheritance of winter hardiness, growth habit, and quality of seed in crosses between spring and winter wheats" (abstract, with H. K. Keyes), *ibid.*, Vol. 34, 1926; "The inheritance of growth habit and resistance in a cross between two varieties of common wheats," thesis for M. S.; "The inheritance of growth habit and resistance to stem rust in a cross between two varieties of common wheat," *Journal of Agricultural Research*, Vol. 24, pp. 457-469, 1923; "The mode of inheritance of resistance to *Puccinia graminis* with relation to seed color in crosses between varieties of durum wheat" (with J. B. Harrington), *ibid.*, Vol. 24, pp. 979-996, 1923; "A study of rust resistance in a cross between Marquis and Kota wheats" (with H. K. Keyes), *ibid.*, Vol. 24, pp. 997-1012, 1923; "The effect of fertilizers on the development of stem rust of wheat" (with E. C. Stakman), *ibid.*, Vol. 27, pp. 341-379, 1924; "Inheritance of winter hardiness and growth habit in crosses of Marquis with Minhardi and Minturki wheat" (with H. K. Keyes), *ibid.*, Vol. 35, pp. 223-236, 1927; "The interdependence of genetist and pathologist in wheat breeding, and their way of working together," *Report of the First Annual Hard Spring Wheat Conference, Fargo, N. Dak.*, Vol. 1, 1928; "The use of improved seed gives partial immunity from crop diseases and insect pests," *The Western Farmer*, March 25, 1929. **Member:** American Phytopathological Society; American Society of Agronomy; American Genetic Association; Ameri-

can Botanical Society; Biological Club of the University of Minnesota; Acacia Fraternity; Alpha Zeta; Gamma Sigma Delta; Gamma Alpha; Sigma Xi; Canadian Society of Technical Agriculturists; Fellow, American Association for the Advancement of Science; Secretary and Treasurer, Western Canadian Society of Agronomy, 1929. **Biography** in *Rus*, 1918, 1920, 1925, 1930; *American Men of Science*, 1927. **Born** in St. Paul, Minn., Aug. 9, 1892; parents came from the vicinity of Oslo; brother, A. W. Aamodt, has been a prominent agricultural agent in Minnesota for many years.

**AARDAL, ALBERT ANDERSON**, B.A., University of Wisconsin, 1920; M.S., Iowa State College, 1925. **Instructor in Physics, Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa, 1926 to date.** Instructor in Physics, Concordia College, Moorhead, Minn., 1920-24. **Author** of various papers read before the Iowa Academy of Science. **Member**, Sigma Xi. **Born** at Aardal, Breim, Nordfjord, April 17, 1887.

**AASE, HANNAH CAROLINE**, A. B., University of South Dakota, 1906; Ph. D., University of Chicago, 1914. **Assistant Professor of Botany, State College of Washington, Pullman, Wash., 1919 to date.** Instructor in Botany, State College of Washington, 1914-19. **Author:** "Vascular Anatomy of the Megasporephylls of Conifers," *Botanical Gazette*, Vol. LX, No. 4, pp. 277-313, Oct. 1915; "Chromosome Numbers of Crop Plants" (with Le Roy Powers), *American Journal of Botany*, Vol. XIII, No. 6, pp. 367-372, June 1926; "A Haploid Wheat Plant" (with E. F. Gaines), *ibid.*, Vol. XIII, No. 6, pp. 373-385, June 1926; also other research articles pub. in scientific journals. **Member:** Botanical Society of America; American Microscopical Society; American Association for the Advancement of Science. **Biography** in *American Men of Science*, 1921, 1927. **Born** at Elk Point, S. Dak., July 12, 1883; parents from Nøstdal, Søndfjord, near Bergen.

**ACHORN, ERIK, A. B.**, Bowdoin College, 1917; A. M., Harvard University, 1921; Ph. D., Harvard University, 1925; Student, Universities of Paris and Bonn. **Assistant Professor of History, Miami University, Oxford, Ohio, 1925-26;** Instructor in History, Princeton University, 1926 to date. **Author:** "La Conscription de l'an VII et celle de l'an VIII," *La Révolution Française*, Nouvelle Série, No. 24. **Born** in the United States; father, Edgar Oakes Achorn, is a prominent lawyer of Boston (see *Who's Who in America; Who's Who in New England*); mother, Sophie (Apenes) A., came from Oslo.

**AGERSBORG, HELMER PARELI KJERSCHOW**, B. S., University of Washington (Seattle), 1916; M.S., University of Washington, 1916; A. M., Columbia University, 1920; Ph. D., University of Illinois, 1923. **Wheeler Professor of Biology and Head of the Department of Biology, James Millikin University, Decatur, Ill., 1924-28.** Assistant, Department of Zoology, University of Washington, 1913-16; Tutor in Biology, College of the City of New York, 1917-18; Demonstrator and Instructor in Anatomy, Long Island College Hospital, Brooklyn, N. Y., 1917-20; Assistant in Zoology, Columbia University, 1918-20; Assistant Professor of Zoology, University of Wyoming, 1920-21; Assistant in Zoology, University of Illinois, 1921-22; Instructor in Zoology, University of Nebraska, 1922-23; Instructor in Biology, Williams College, 1923-24; Biologist for the State of Illinois Department of Conservation to study stream pollution with a view to promote the fisheries and game in Illinois, to select suitable areas for game preserves and game sanctuaries, to make a survey of the wild life of Illinois, and to investigate the degree of efficiency in the management of the State Fish Hatcheries, 1928—; also Biologist for the State of Illinois Water Survey to investigate the biology of sewage disposal; Biologist for the Sanitary District of Decatur to investigate the extent of recovery from pollution of the Sangamon River since the construction of the Decatur Sewage Disposal



Plant. Investigator, Marine Biological Laboratory, Friday Harbor, Wash., Summers 1913, 1914, 1921, 1924; Woods Hole, Mass., Summers 1918, 1919, 1920, 1923; University of Oslo, 1917; northern coasts of Norway, 1917, 1920; Guest by invitation of University of Illinois, 1924, and of Yale University, 1925, with free use of laboratories and libraries; Associate in Field Zoology, Marine Biological Station, Cold Spring Harbor, N. Y., 1927. **Author:** *Et Glashus*, volume of poems, Richard G. Badger, Boston, 1925; *A Laboratory Outline in Animal Biology*, Edwards Bros., Ann Arbor, Mich., 1925; *Text-Book of Biology for High Schools and Junior Colleges*, in 3 parts. **Reports to the State of Illinois Department of Conservation:** A Biological Study of the Big Muddy River and its Tributaries, polluted by domestic Sewage and industrial Wastes; Black Hawk State Park as a Game Sanctuary; The Biology of a Tropical Stream in a Frigid Country; The Biology of Meredosia Bay; Notes on the Status of Fur-bearing animals in the Environs of Meredosia; The Influence of Temperature on Fish; The Relation of Temperature to Continuous Reproduction in the Pulmonate Snail; Does High Temperature in a Frigid Country Limit the Diversification of the Species? The Relation of Pollution to the Pearl Industries; and numerous other reports in preparation. **Contributions to journals:** More than 20 scientific papers published in *Biological Bulletin*, 1918, 1922; *American Naturalist*, 1920, 1921; *Science*, 1918, 1924; *Journal of Experimental Zoology*, 1922; *Annales Sciences Naturelles* (Paris), 1923; *Quarterly Journal of Microscopical Science* (Oxford), 1923, 1924; *Archives de Biologie* (Brussels), 1924; *Zoologica* (Stockholm), 1925; *Archiv für Schiffs- und Tropenhygiene*, 1926; *Journal of Mammalogy*, 1927, and many other scientific journals. **Papers read before learned bodies:** Two papers on physiology and cytology, before American Society of Zoologists, Cincinnati, 1923; on the distribution and evolution of certain marine snails from the coast of Norway, before Nebraska Academy of Sci-

ence, Lincoln, 1923; on the Effect of Parasitism upon the tissues, etc., before American Society of Parasitologists, Kansas City, Mo., 1925; description of a trematode parasite, before Illinois State Academy of Science, Springfield, 1925; on the evolution of Thais, a marine snail from northern Norway, before American Society of Zoologists, Memphis, Tenn., 1927; two papers, on the variation of marine snails from Norway, and on How to Examine Freshmen in Beginning Biology, before Illinois State Academy of Science, Bloomington, 1928; two papers, on the biology of sewage disposal, and on stream pollution, before American Society of Zoologists, New York City, 1928; on the relation of fish to temperature, before Illinois State Academy of Science, Macomb, 1929. **Translator,** Boas' *Text-Book on Zoology* (from Danish). **Editor** (with Embrink Strand, q.v.), *Arachnological-Entomological Dictionary* (in press). **Collaborator,** *Biological Abstracts*. Series of 12 lectures on Evolution and its Effects on the Orthodox Believer delivered before the School of Religion of the First Methodist Church, Decatur, Ill., 1928. **Member:** American Society of Zoologists; American Ecological Society; American Society of Mammalogists; American Society of Parasitologists; Pacific Fisheries Society; American Microscopical Society; American Genetic Association; American Eugenics Society; Nebraska Academy of Science; Illinois Academy of Science; Norwegian Academy of Science, Trondheim; Society for the Advancement of Scandinavian Study; Archeological Institute of America; Sigma Xi (national honorary scientific); Gamma Epsilon Tau; Associate, American Ornithologists' Union; Associate, American-Scandinavian Foundation; Fellow, American Association for the Advancement of Science; Fellow, American Geographical Society. **Biography in** *American Men of Science*, 1921, 1927; *Who's Who in America*, 1928-1929; see also Norlie's *History of the Norwegian People in America*, pp. 295, 407. **Born at** Gjersvik, Rödöy, Nordre Helgeland,

Oct. 26, 1881; on father's side, descendant of the Tønder family; on mother's paternal side, descendant of Mechlemborg and intermarried with the Kjerschow family; on mother's maternal side, descendant of Zahl; came to the United States in 1906, attended evening school in Brooklyn, N. Y., winter 1906-07, entered the Seattle Seminary, Jan. 1908, remained 9 semesters earning his expenses by making the bread for the boarding department of the school, and entered the University of Washington in 1912; married Jennie Elizabeth Dunbar of Centralia, Ill.; two sons, James Albert Zahl and Helmer Pareli Kjerschow, Jr.

**ALLISON, INGA M. K.**, E.B., University of Chicago, 1905; M.S., *ibid.*, 1925. Professor and Chairman of the Division of Home Economics, Colorado Agricultural College, Fort Collins, Colo., 1924 to date. Associate Professor in charge of Departments of Chemistry and Home Economics, Lake Erie College, 1905-08; Instructor in Domestic Science, Colorado Agricultural College, 1908-10; Professor and Acting Head of the Department of Home Economics, same, 1910-11; Professor and Head of the Department of Home Economics, same, 1911-24; also Instructor, University of Chicago, Summer Quarters 1909, 1920. Author of various articles. Has given numerous addresses. Member: American Association of University Professors; American Association of University Women; Omicron Nu (hon. home econ.); Kappa Mu Sigma (hon. chem. soc., Chicago and Columbia); Phi Kappa Phi (hon. soc. in agric. coll. comparable to Phi Beta Kappa in university); Associate Member, Medical Society of City and County of Denver. Biography in *Rus*, 1918, 1920, 1925. Born at Mount Carroll, Ill.; parents came from Trondheim, and from Hamar and environs; related to the Devold and Monge families of Moldefjorden.

**ALSAGER, C. MARTIN**, A.B., Lombard College; A.M., Northwestern University, 1909; LL.B., *ibid.*, 1908; J.D., *ibid.*, 1920. Professor of

Law, De Paul University College of Law, Chicago, Ill., 1922 to date. Practising Attorney, Chicago, 1909-11; Teacher, Chicago High Schools, 1913-27; Professor of Constitutional Law, Agency, Bailments and Carriers, Hamilton College of Law, Chicago, 1910-13; Professor of Law, same, 1913-20; Lecturer on Municipal Corporations, Northwestern University School of Law, Chicago, 1920-23, and Summer 1924; Teacher of Commercial Law, Crane Junior College, 1928—. Author: *Dictionary of Business and Financial Terms*, 1929; *Lectures on Constitutional Law*, Hamilton College of Law, 1914; portion of Whigam's *The Essentials of Commercial Law*, 2nd ed., Gregg Pub. Co., Chicago, 1925; one-third of Whigam's *Source Book on Commercial Law*, Gregg Pub. Co., Chicago, 1925. Contributor to *Illinois Law Review*. Assisted in editing *Notes on Illinois Reports*, Vol. 4, 1910; wrote "Glossary of Terms" for De Haas' *Business Organization and Administration*, 1928. Member: American Judicature Society; Illinois State Bar Association; Society for the Advancement of Scandinavian Study; Norwegian-American Historical Association (Local Vice-President); American Academy of Political and Social Science. Biography in *Who's Who in Chicago*, 1926; *Directory of Teachers, Association of American Law Schools*; 1927; *Who's Who Among North American Authors*, 1927-28, 1929-30. Born on farm in Lee County, Ill.; father came from Tysnes, Søndhordland; mother (née Eden), from Odda, Hardanger.

**AMUNDSON, JOHN CARROLL**, A.B., University of Oregon, 1926; A.M. *ibid.*, 1928. Instructor in History, University of Pittsburgh, Pittsburgh, Pa., 1929—.

**AMUNDSON, ROBERT ANDREW**, Student, University of Wisconsin. Instructor in Animal Husbandry, College of Agriculture, University of Wisconsin, Madison, Wis., 1928—. Instructor in Soils, University of Wisconsin, 1917-18; Agricultural Representative, Oconto County, Wis., 1918-23; same,



Outagamie County (Appleton), Wis., 1923-28; also County Agent Supervisor, University of Wisconsin, and County Agent at Large, 1928—. **Author** of numerous articles on agricultural topics pub. in farm journals; "A New Form of Cow Testing Association," paper presented to Mid-Western Conference of College Extension Men. "Chalk Talk" lectures given to several hundred audiences in Wisconsin. Devised new methods of using the mails in rural extension work involving soil testing, cow testing, and educational programs at farmers' meetings. **Member:** Alpha Gamma Rho; President, Wisconsin County Agents and Extension Workers' Association, 1928. **Biography in** *Rus*, 1920, 1925, 1930. **Born** at Rio, Wis., March 23, 1893; parents came from Skien; nephew of Jens Anderson, sculptor and wood carver of Paris and Chicago.

**AMUNDSON, WILLIAM**, Ph.G. Instructor in Manufacturing Pharmacy, University of Tennessee, Knoxville, Tenn., 1913-15.

**ANDERSEN, ARTHUR, B.B.A.**, Northwestern University, 1917; Certified Public Accountant, States of Illinois, Wisconsin, Iowa, Missouri, and California. **Professor of Accounting, Northwestern University School of Commerce, Chicago, Ill., 1915-22.** Lecturer in Accounting, Northwestern University School of Commerce, 1909-12; Assistant Professor of Accounting, same, 1912-15; Senior partner, Arthur Andersen & Company, Chicago, with offices also in Milwaukee, Kansas City, San Francisco, Los Angeles, New York, and Washington, D. C. "He ranks among the leaders in his profession, his reputation being founded upon the bed-rock of \* \* \* thorough integrity of character, a vigorous mentality, and a high enthusiasm for his work." *The Americana, Biographies*, 1930. **Author:** *Complete Accounting Course*, Chicago, 1917; "Financial and Industrial Investigations," series of articles published in *Management*, 1927. Appeared as Expert in the Ford Motor Company tax

case, 1927. **Member:** American Institute of Accountants (Chairman, Committee on Definition of Earned Surplus); Illinois Society of Certified Public Accountants (President, 1918-19); American Economic Association; Society of Industrial Engineers; Life member, Chicago Historical Society; Life member, American Forestry Association; Associate life member, Field Museum of Natural History, Chicago; Member of Committee on Taxation, U. S. Chamber of Commerce, 1923-24; Member of Advisory Committee, same; Chairman, Illinois Board of Certified Public Accountants Examiners. Member of Board of Trustees, Northwestern University (successor of the late Judge Elbert H. Gary); Member of Board of Governors, Chicago Home for the Friendless; Director and member of Executive Committee, Chicago Investors' Corporation; Director, State Bank and Trust Company, Evanston; Trustee and Comptroller, Chicago World's Fair Centennial Celebration. **Biography in** *Accountants' Directory and Who's Who*, 1925; *American Elite and Sociologist Blue Book*; *Who's Who in Chicago*, 1926; *The Americana Biographies*, New York, 1930. **Born** at Plano, Ill., May 30, 1885; parents came from Oslo.

**ANDERSEN, ARTHUR OLAF**, pupil of Homer Norris, Boston; Vincent D'Indy, Georges Guiraud, and Alexander Guilmant, Paris; Hermann Dura, Berlin; Sgambati, Rome. **Professor and Head of the Department of Harmony, Counterpoint and Composition, American Conservatory of Music, Chicago, Ill., 1908 to date.** Teacher of Theory, Berlin, Germany, 1905-08. Sole teacher of Leo Sowerby until the latter was chosen as the foremost young American composer for the Prix du Rome, 1921. **Author:** *First Forty Lessons in Harmony*, C. C. Birchard & Co., Boston, 1925; *Second Forty Lessons in Harmony*, C. C. Birchard & Co., Boston, 1925 (these being the two first volumes of The Andersen Series of Text-Books which "forms the nucleus of what is intended to prove a dis-



tinctive contribution to the reading and text-book literature on the subject of music"); *Musical Theory*, 4 vols., H. T. FitzSimons Co., Chicago, 1928; *Teachers Manual*, 2 vols., H. T. FitzSimons Co., Chicago, 1928; *Practical Orchestration*, C. C. Birchard & Co., Boston, 1929. Also the following articles contributed to the *Musician*: "Personality a mighty factor in the teacher," issue of Jan. 1925; "How to find out if you are fitted to become a professional violinist," May 1925; "Choosing the career of the pianist," June 1925; "The making of a singer," Sept. 1925; "What do you know about the orchestra?," Dec. 1925; "The stuff composers are made of," May 1926; "First lessons in harmony," Oct. 1928; "Training for the school supervisor of music," Feb. 1929; "Many-sided duties of the school music supervisor," March 1929; "Is the national high school orchestra an experimental flare?," June 1929; "Decadence of figure bass," July 1929; "The story of the Prix de Rome," Aug. 1929; "In search of the 100 best anthems," Dec. 1929; "Am I a good musician?," Feb. 1930; "Why am I a musician?," March 1930; "Address to parents," April 1930; "What the National Association of Schools of Music has done for education," Nov. 1930; "A musical League of Nations," April 1931. Contributing editor, *Etude*, *Observer*, and other musical journals. **Composer**: *The Brook*, orchestral suite; *Pilgrimage to Kevlaar*, song cycle; *The Child's Garden of Verses*, song cycle; two sonatas for piano; works for large and small orchestra; suites for piano, organ and violin; pieces for violin, cello, and piano; twelve fugues; about 50 songs for male, female, and mixed choruses. One of the outstanding American composers; his compositions are found in the repertoire of many of the great artists. **President**, Society of American Musicians; Secretary, The Cliff Dwellers, 4 years. **Biography** in *International Who's Who in Music*, New York, 1918; *Grove's Dictionary of Music and Musicians*, Vol. 6, New York, 1920; *New Encyclopedia of Music and Musicians*, New York, 1924; *Who's Who in Chi-*

*cago*, 1926; *Noted Names in Music*, Boston, 1927. **Born** at Newport, R. I., Jan. 30, 1882; parents came from Bergen; brother, Hendrik C. Andersen, is a noted sculptor of Rome, founder of the World Conscience Society, and originator of plans for an international city to serve as a world center of communication (see *New International Encyclopedia Supplement*, New York, 1925; *Who's Who in America*, 1926-27).

**ANDERSEN, ESTER**, see Ester Andersen Steen.

**ANDERSON, ANDREW RUNNI**, A.B., University of Wisconsin, 1900; Ph.D., Harvard University, 1903. **Professor of Latin**, Duke University, Durham, N. Carolina, 1929-. Traveling fellow of Harvard University abroad, 1903-04; Instructor in Greek, University of Wisconsin, 1904-05; Preceptor in Classics, Princeton University, 1905-09; Assistant Professor of Latin, Northwestern University, 1909-15; Professor and Head of the Department of Ancient Languages and Literatures, University of Utah, 1915-29. **Author** of various articles on Greek, Latin, Ibsen, Holberg, and other topics, published in *Classical Journal*, *Scandinavian Studies and Notes*, *Transactions of the American Philological Association*, and other journals. Translator: Holberg's *Iter Subterraneum*; Ibsen's "Balloon Letter" of 1870 to Fru Frederika Linnell, Stockholm, *English Review*, London, 1914. Editor, Holberg's *Latin Epigrams*. **Member**: American Philological Association; Classical Association of the Middle West and South; Archeological Institute of America; American Association of University Professors; Society for the Advancement of Scandinavian Study; Kappa Sigma; Phi Beta Kappa; Phi Kappa Phi. **Biography** in *Who's Who in America*. **Born** in Norway, July 8, 1876; brought to the United States in 1884.

**ANDERSON, ANDREW WILLIAM**, B.L., University of Wisconsin, 1890; LL.B. **Professor of Law**, University of Arizona, Tucson, Ariz., 1919-25. **Deceased**.

**ANDERSON, ARTHUR VON KROGH**, B.S. (with Distinction), University of Minnesota, 1913; M.S., *ibid.*, 1915; Ph.D., *ibid.*, 1923. Professor of Physiological Chemistry, Pennsylvania State College, State College, Pa., 1929-. Shevlin Fellow, University of Minnesota, 1915-16; Professor of Chemistry, St. Olaf College, 1916-18; 2nd Lieutenant, Sanitary Corps, U. S. Army, 1918-19; Instructor in Analytical Chemistry, University of Minnesota, 1919-20; Instructor in Agricultural Biochemistry, same, 1920-23; Associate Professor of Physiological Chemistry, Pennsylvania State College, 1923-29. Author: *Elementary Biochemistry* (text-book), John Wiley & Sons, New York (in preparation); "The Chemical Changes which are caused by the Defecation of Sorghum Juice for Syrup Manufacture," *Journal of Industrial and Engineering Chemistry*, Vol. 9, pp. 492-499, 1917; "The Electro-pure Process of Treating Milk" (with Rubin Finkelstein), *Journal of Dairy Science*, Vol. 2, pp. 374-406, 1919; "The Fermentation of Glucose by *Fusarium lini*" (with J. J. Willaman), *Proceedings of Society for Experimental Biology and Medicine*, Vol. 20, pp. 108-110, 1922; "Biochemistry of Plant Diseases. The Biochemistry of *Fusarium lini* Bolley," *Minnesota Studies in Plant Science, Studies in the Biological Sciences*, No. 5, pp. 237-280, 1924; "The Determination of Nitrogen in connection with the Wet Combustion Method for Carbon" (with H. S. Shutte), *Journal of Biological Chemistry*, Vol. 61, pp. 57-63, 1924; "The Economy of Minerals in Plant Nutrition," in Armour's *Farmers Almanac*, 1929; also several other scientific articles on various phases of blood chemistry, 1929. Member: American Chemical Society; American Association for the Advancement of Science; Sigma Xi; Phi Lambda Upsilon; Gamma Sigma Delta; Gamma Alpha; Alpha Gamma Rho. 1st Lieutenant, Officers Reserve Corps. *Biography in School Calendar*, 1924; *Rus*, 1925; *American Men of Science*, 1927; *Who's Who in the East*, 1930. Born at Montevideo, Minn., Feb. 27, 1890; pater-

nal grandparents, Björn Anderson (Kvelve) and Catherine (von Krogh) Anderson, came from Vikedal, Ryfylke, in 1836; maternal grandparents, Hans and Karen (Fjeld) Olson, came from the vicinity of Dröbak in 1852; father, the late Rev. Abel Anderson, served as pastor in Muskegon, Mich., 1874-87, in Appleton, Long Lake, Clinton, and Montevideo, Minn., 1887-1919, and taught Ancient Languages at Windom Institute, Montevideo, Minn., 1888-99; brother, the late Hon. Walther A. Anderson, was a Member of the Legislature of Minnesota, 1912-13; nephew of Hon. Rasmus B. Anderson (q. v.); nephew of Prof. Julius E. Olson (q. v.); cousin of Dr. P. A. Reque (q. v.).

**ANDERSON, ARTHUR LAWRENCE**, B.S., University of Minnesota, 1916; M.S., Iowa State College, 1922. Associate Professor of Animal Husbandry, Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa, 1922 to date. Assistant in Division of Veterinary Medicine, University of Minnesota, 1916-17; Teacher of Agriculture, Fergus Falls (Minn.) High School, 1917-19; Instructor in Animal Husbandry, University of Minnesota, 1919-20; Assistant Professor of Animal Husbandry, Iowa State College of Agriculture and Mechanic Arts, 1920-22. Author of numerous articles on pork production pub. in various journals. Member: Society of Animal Production; Acacia; Alpha Zeta; Phi Kappa Phi; Gamma Sigma Delta. *Biography in Rus*, 1925, 1930; *American Men of Science*, 1927. Born in Minneapolis, Minn., Nov. 5, 1893; parents came from the vicinity of Oslo.

**ANDERSON, DAVID ALLEN**, B.A., State University of Iowa, 1908; M.A., *ibid.*, 1910; Ph.D., *ibid.*, 1912. President of the Northern State Teachers College, Aberdeen, S. D., 1928-. Teacher and Principal of Schools, Iowa and Illinois; President and Professor of Education and Psychology, Graceland College, Lamoni, Iowa, 1908-09; Senior Fellow, State University of Iowa (for



study in Europe), 1910-11; Assistant in Education, State University of Iowa, 1911-12; Professor of Education and Psychology, State Normal School, La Crosse, Wis., 1912-13; Assistant Professor of Education, University of Washington (Seattle), 1913-16; Associate Professor of Education, same, 1916-17; Professor of Education and Head of the Department of Education and Psychology, Pennsylvania State College, 1917-26; President of Kent State Normal College, Kent, Ohio, 1926-28; also Instructor, State University of Iowa, Summer 1911; Professor of Education and Psychology, State Normal School, Moorhead, Minn., Summer 1912; State Normal School, La Crosse Wis., Summer 1913; Associate Professor of Education, University of Washington, Summers 1914, 1915, 1916; University of Illinois, Summer 1917; Professor of Education, University of Colorado, Summer 1920; Pennsylvania State College, Summers 1921, 1922, 1923; University of Maine, Summer 1924; Pennsylvania State College, Summers 1925, 1926; Director of the Board of Recommendations, same, 1917-26. **Author:** *The School System of Norway*, The Gorham Press, Boston, 1913 (a "statement of the organization, management, operation, and efficiency of the public school system of Norway," the materials for which "were gathered during a summer and autumn devoted to travel and study in Norway"); "The Duration of Tones," *Psychological Review Monograph* No. 69; "The Time Interval," *ibid.*; "The Direction of Sound," *ibid.*; "Darkness and Quiet," *ibid.*; "The Order of Stimuli in Pitch Discrimination," *ibid.*; "Methods of Measuring Teaching Efficiency," *School and Society*, April 15, 1916; "The Efficiency Expert in Education," *Educational Administration and Supervision*, Oct. 1916; "Basic Courses in Education," *School and Society*, Jan. 8, 1921; also many other articles in various journals. Lecturer on educational subjects. **Member:** American Association of University Professors; College Teachers of Education; National Education Association; Na-

tional Society for the Study of Education; Phi Delta Kappa; Delta Kappa Pi; Fellow, American Association for the Advancement of Science. Director, Public Education and Child Labor Association of Pennsylvania, 1923-26. **Biography in American Men of Science**, 1927; *Who's Who in America*; *Who's Who Among North American Authors*, 1929-30; *Who's Who in American Education*, 1930. **Born** at Lamoni, Iowa, Aug. 19, 1874; parents, Andrew K. and Enger Anderson, came from Stavanger.

**ANDERSON, EDWARD X.**, B.S., University of Minnesota, 1908; M.S., *ibid.*, 1909; Ph.D., State University of Iowa, 1915. **Associate Professor of Chemistry, University of North Dakota, Grand Forks, N. Dak., 1925 to date.** Assistant in Chemistry, University of Minnesota, 1908-09; Instructor in Chemistry, State University of Iowa, 1909-13; Instructor in Chemistry, University of North Dakota, 1913-17; Assistant Professor of Chemistry, same, 1917-25. With concert orchestra, Midland and Redpath-Vawter Chautauqua Circuits, 8 seasons during period of 1908-18. **Author:** *Chemical Etymology* (book tracing the origins of chemical terms back through the Latin, Greek, Hebrew, and Arabic languages to Sanskrit, so far as is known, the first work of its kind in any language), in preparation; "The Electrical Conductivity of Certain Salts in Pyridine" (thesis for Ph.D.), *Journal of Physiological Chemistry*, 1915; "The Nucleation of Condensed Vapors, both Pure and Mixed in Un-ionized Dustfree Air," paper presented to the Physical Chemical Section, American Chemical Society, 1909. Has improved on the C. R. T. Wilson apparatus for determining the Expansion Ratio of Vapors, lowering Wilson's value of 1.25 to 1.20, thus replacing Wilson's value in vogue for three decades (a task involving much painstaking work, with many reverses, over a period of five years; report of this work to be published in a German journal). **Member:** American Chemical Soci-



ety; Alpha Chi Sigma (chem.); Sigma Xi (sci.); hon. member, Phi Delta Chi (pharm.). *Biography in American Men of Science*, 1927. **Born** in Minneapolis, Minn., Feb. 9, 1885; worked his way through grade school and High School by carrying newspapers and working as a "bread baker" in Minneapolis; father came from Trondheim; mother, from Molde.

**ANDERSON, HAROLD WILLIAM**, B.S., in E.E., University of Kansas, 1921. **Assistant Professor of Electrical Engineering**, University of Kansas, Lawrence, Kans., 1926 to date. Engineer with American Telephone and Telegraph Company, New York City, 1921-22; Instructor in Electrical Engineering, University of Kansas, 1922-26. **Member:** American Institute of Electrical Engineers; Institute of Radio Engineers; Society for the Promotion of Engineering Education; Tau Beta Pi; Sigma Xi; Theta Tau. **Born** at Albany, Wis., April 5, 1899.

**ANDERSON, HENRY L.**, Graduate, State Normal School, St. Cloud, Minn., 1905; Graduate, Advanced Course, same, 1909; B.S., University of Minnesota, 1923; Graduate Work, 2 years. **Assistant Professor of Education**, Macalester College, St. Paul, Minn., 1926 to date. Principal of Grade Schools, Donnelly, Minn., 1905-08; Teacher, High School, Barnesville, Minn., 1909-12; Supt. of Schools, Pelican Rapids, Minn., 1912-16; Supt. of Schools, Adrian, Minn., 1916-20; Supt. of Schools, Blooming Prairie, Minn., 1920-22; Supt. of Schools, Mound, Minn., 1924-26. **Member:** Minnesota Educational Association; Phi Delta Kappa. **Born** at Lowry, Minn., Jan. 18, 1883; father was born in Sweden; mother's parents came from Oslo.

**ANDERSON, JOHN ANKER**, B.S.A., North Dakota Agricultural College, 1916. **Assistant Professor of Horticulture**, University of Minnesota West Central School of Agriculture, Morris, Minn., 1917 to date; also Instructor in Botany,

Chemistry, String Instruments, and Director of Orchestra, same. Clarinetist with the Redpath Chautauqua, 1915; Instructor in Music, University of Minnesota West Central School of Agriculture, 1916-17. **Author** of various Reports pub. in experiment station bulletins; paper read before the Minnesota Horticultural Society, 1926. **Born** at Fort Ransom, N. Dak., May 21, 1892; parents came from Mo, Ran-en, Helgeland; distant relative of the late Rev. Ole Tobias Olsen (see Dr. M. N. Orfield, and Prof. Anna M. Olsen).

**ANDERSON, JOHN AUGUST**, B.S., Valparaiso University, 1900; Ph.D., Johns Hopkins University, 1907. **Associate Professor of Astronomy**, Johns Hopkins University, Baltimore, Md., 1911-16. Fellow, Johns Hopkins University, 1906-07; Assistant, Carnegie Institution of Washington, 1907; Fellow by Courtesy, Johns Hopkins University, 1907-08; Instructor in Astronomy, same, 1908-09; Associate in Astronomy, same, 1909-11; Physicist, Mount Wilson Solar Observatory, Pasadena, Calif., 1916 to date; Research Associate in Astrophysics, California Institute of Technology, 1928-; also Executive Officer of the Observatory Council, California Institute of Technology. With U. S. Naval Observatory Eclipse Expedition to Spain, 1905; Member of Mount Wilson Observatory Eclipse Expedition to Green River, Wyo., 1908; to San Diego, Calif., 1923; and to Middletown, Conn., 1925; Member of U. S. Naval Observatory Eclipse Expedition to Sumatra, 1926. **Author:** *Absorption Spectra of Solutions* (with H. C. Jones), Johns Hopkins University Press, 1908; *On the Effect of the Groove Form on the Distribution of Light by a Grating* (with C. M. Sparrow), reprinted from *Astrophysical Journal*, Vol. XXXIII, May, 1911; *A Method of Investigating the Stark Effect for Metals, with Results for Chromium*, repr. from *Astrophys. J.*, Vol. XLVI, 1917; *The Spectrum of Electrically Exploded Wires*, repr. from *Astrophys. J.*, Vol. LI, 1920; *Application of Michelson's Interfero-*

*meter Method to the Measurement of Close Double Stars*, repr. from *Astrophys. J.*, Vol. LI, 1920; *The Wave-Length in Astronomical Interferometer Measurements*, repr. from *Astrophys. J.*, Vol. LV, 1922; *The Spectral Energy Distribution and Opacity of Wire Explosion Vapors*, repr. from *Proceedings of National Academy of Sciences*, Vol. 8, July 1922; *The Vacuum Spark Spectrum of Calcium*, repr. from *Astrophys. J.*, Vol. LIX, 1924; *General Characteristics of Electrically Exploded Wires* (with Sinclair Smith), repr. from *Astrophys. J.*, Vol. LXIV, 1926; also numerous other articles in scientific journals. **Inventor**, Torsion Seismometer, about 1922 (see *Journal of Optical Society of America*, Vol. 8, p. 817; now in charge of design and construction of 200-inch reflecting telescope. **Member**: American Astronomical Society; American Optical Society; American Physical Society; American Seismological Society; American Chemical Society; Phi Beta Kappa; Fellow, American Association for the Advancement of Science. Awarded the Howard N. Potts Gold Medal by the Franklin Institute, 1924. **Biography in** *Who's Who in America*, since 1914-15 ed.; *American Men of Science* (classed as one of the 50 leading American astronomers), 1921, 1927 eds.; *Who's Who in California*, 1928-29. **Born** at Rollag, Minn., Aug. 7, 1876; parents came from Namsos.

**ANDERSON, JUNE**, Graduate, Chicago Academy of Fine Arts. **Instructor in Art**, Nebraska State Normal College, Chadron, Neb., 1925-. Formerly Supervisor of Art, Fairfield, Iowa, 2 years; Superintendent of Art, Valparaiso, Ind., 3 years. **Born** in the United States; father came from Paskum (?); mother, from Skien.

**ANDERSON, LEWIS ORVIN**, B.A., University of Wisconsin, 1915; M.A., *ibid.*, 1918; Ph.D., *ibid.*, 1922. **Assistant Professor of Psychology**, University of North Dakota, Grand Forks, N. Dak., 1926 to date. **Assistant** in Psychology, University of Wisconsin, 1919-21; Teaching Fellow in Psychology, same, 1921-22;

**Assistant Professor of Psychology**, Ohio Wesleyan University, 1922-23; **Instructor in Psychology**, Junior College, Hibbing, Minn., 1923-25; **Instructor in Psychology**, University of North Dakota, 1925-26. **Author**: *Stuttering and Allied Disorders*; *an Experimental Investigation of Underlying Factors* (thesis for Ph.D.), Williams & Wilkins Co., Baltimore, 1923; also various articles in psychological journals. **Member**: American Psychological Association; American Association for the Advancement of Science. **Biography in** *American Men of Science*, 1927. **Born** at Barneveld, Wis., April 10, 1890.

**ANDERSON, MINNIE A.**, B.S., Columbia University, 1915; A.M., Columbia University, 1921. **Professor of Home Economics**, North Dakota Agricultural College, Fargo, N. Dak., 1929-. **Assistant Professor of Home Economics**, North Dakota Agricultural College, 1922-25; **Associate Professor of Home Economics**, same, 1925-29. **Born** in the United States; parents born in Norway.

**ANDERSON, RASMUS BJÖRN**, A.M., Luther College, 1866; Hon. A.B., University of Wisconsin, 1885; LL.D., University of Wisconsin, 1888. **Professor and Head of the Department of Scandinavian Languages and Literatures**, University of Wisconsin, Madison, Wis., 1875-83. **Teacher of Greek and Modern Languages**, Albion (Wis.) Academy, 1866-69; **Instructor in Languages**, University of Wisconsin, 1869-75; **United States Minister to Denmark**, 1885-89; with a Commercial Concern, New York City, 1889-94; **Editor and Publisher of Amerika** (Norwegian weekly), Madison Wis., 1898-1922; also **President**, Wisconsin Life Insurance Co., 1895-; **President**, Wisconsin Rubber Co., 1904-; **President**, Tabasco-Chiapas Trading and Transportation Co., 1908-. **Author**: *America Not Discovered by Columbus*, Griggs & Co., Chicago, 1874, translated into French, German, Italian, and Scandinavian; *Den Norske Maalsag*, Skandinavens Forlag, Chicago, 1874; *Norse My-*



*thology, or the Religion of Our Forefathers*, Griggs & Co., Chicago, 1875, 7th ed., Scott, Foreman & Co., Chicago, 1907, translated into French, German, Italian, and Scandinavian; *First Chapter of Norwegian Immigration*, Madison, Wis., 1895; *Life Story of Rasmus B. Anderson*, Madison, Wis., 1915; "The First Norwegian Settlements in America within the Present Century," address delivered before the State Historical Convention, Madison, Wis., Feb. 22, 1899, and published in *Proceedings of the State Historical Society of Wisconsin*, 1899. **Translator:** *Svedelius' Handbook for Charcoal Burners*, New York, 1876; *The Younger Edda*, Griggs & Co., Chicago, 1880; Björnson's *A Happy Boy*, London, and Houghton, Mifflin & Co., Boston, 1881; Björnson's *Arne*, Boston, 1881; Björnson's *Synneve Solbakken*, Boston, 1882; *Captain Mansana*, Houghton, Mifflin & Co., Boston, 1882, London, 1883; Björnson's *The Bridal March, and Other Stories*, Boston, 1882, London, 1883; Björnson's *Magnhild*, Boston and London, 1883; Björnson's *The Fisher Maiden*, Boston and London, 1883; Winkel Horn's *History of the Literature of the Scandinavian North from the Most Ancient Times to the Present*, Griggs & Co., Chicago, 1884; Brandes' *Eminent Authors of the Nineteenth Century*, New York, 1886; Rydberg's *Teutonic Mythology*, Sonnenschein & Co., London, 1889; Lumholtz' *Among Cannibals*, New York, 1889; Brandes' *Creative Spirits of the Nineteenth Century*, Thomas Y. Crowell Co., New York, 1923. **Editor and translator:** *Viking Tales of the North* (with Bjarnason), George Stephens, Chicago, 1877; *The Norse Discovery of America* (with others), Nörrona Society, London, 1906. **Editor:** *The Scandinavian Languages: Their Historical, Linguistic, Literary, and Scientific Value*, Madison, Wis., 1873; *The Norway Music Album* (with Forestier), 1881; *Norge i Billeder*, 1889; *Heimskringla*, 4 vols., 1889, London, 1906. Special Departmental Editor, *Funk & Wagnalls Standard Dictionary of the English Language*, New York, 1893. Contributor to *The Dial* and *The Nation* regularly for

many years; also contributor to *Encyclopedia Americana*; *United Editors' Encyclopedia*; *American Supplement of Encyclopedia Britannica*; *Chamber's Cyclopaedia*; *Johnson's Cyclopaedia*; *McClintock and Strong's Cyclopaedia*; *Kiddle and Schem's Cyclopaedia*. Has delivered numerous addresses throughout the Northwestern States. First native of Wisconsin to be appointed to full professorship at the University of Wisconsin; first person of Norwegian stock to be appointed instructor in an American university, and to be appointed United States Minister to a foreign country. His large and rare library donated to the University of Wisconsin. **Biography** in *Nelson's History of the Scandinavians and Successful Scandinavians*, Vol. 2, Minneapolis, 1897; *Who's Who in America*, since first edition of 1899-1900; *Appleton's Cyclopaedia of American Biography*, New York, 1900; *Allibone's Dictionary of Authors*, Philadelphia, 1902; *Twentieth Century Dictionary of Notable American Authors*, Boston, 1904; *International Who's Who*, New York, 1912; *Who's Who Among North American Authors*, 1925, 1927-28, 1929-30; *Encyclopedia Americana*; *Nelson's Encyclopedia*; *New International Encyclopedia*, New York; *Aschehougs Konversationsleksikon*, Oslo, 1925; *Salmonsens Konversations Leksikon*, Copenhagen; *Brockhaus' Konversations Lexikon*, Berlin and Vienna; *Meyers Konversations Lexikon*, Leipzig and Vienna; *Enciclopedia Universal Ilustrada*, Barcelona; and numerous other reference works. **Born** near Albion, Wis., Jan. 12, 1846; parents, Björn Anderson (Kvelve) and Catherine (von Krogh) Anderson, came from Vikedal, Ryfylke, in 1836 aboard *Den Norske Klippe*, the 2nd emigrant ship to leave Norway for America; they were the first couple to settle in Albion Township, Dane County, Wis.; mother was the first white woman to settle in that township; sister, Martha, was the first white child born there; brother-in-law of Prof. Julius E. Olson (q.v.); uncle of Dr. Arthur K. Anderson (q.v.).



**ANDERSON, RUDOLPH MARTIN**, Ph.B., State University of Iowa, 1903; Ph.D., *ibid.*, 1906. Instructor and Assistant Commandant, Bles Military Academy, Macon, Mo., 1906-08. With 52nd Iowa Infantry, U. S. Volunteers, Spanish-American War, 1898; Assistant in Museum, State University of Iowa, 1901-06; Field Agent of the American Museum of Natural History, New York, with the Stefansson-Anderson Arctic Expedition, 1908-12; Assistant in Mammalogy, American Museum of Natural History, New York City, 1912-13; Chief of the Souther Party of Canadian Arctic Expedition, 1913-18; Zoologist, and Chief of the Division of Biology, National Museum of Canada, Ottawa, Ontario, Can., 1920 to date; Zoologist (Mammalia), Geological Survey of Canada, 1913 to date. **Author:** *Birds of Iowa*, 1907; *Mammals of Western Arctic America* (in preparation); *Birds of Western Arctic America* (in preparation); *Check-List of Canadian Mammals* (in preparation); *Mammals of Canada* (in preparation); also numerous articles in *The Auk* (quarterly journal of the American Ornithologists' Union), *The Condor* (Cooper Ornithological Club), *Iowa Ornithologist*, *Journal of Mammalogy*, *Canadian Field-Naturalist*, *Scottish Geographical Magazine*, *Geographical Review* (American Geographical Society, New York), *American Museum Journal*, and other scientific journals. Contributor to *Encyclopedia Britannica*, 1929 ed. General Editor, *Reports of Canadian Arctic Expedition, 1913-18* (15 vols.), 1919 to date; Associate Editor, *Canadian Field-Naturalist*, 1917 to date. Has given addresses before the American Ornithologists' Union, Cambridge and Washington; American Society of Mammalogists, Cambridge, Washington, and other places; Biological Society of Washington; British Association for the Advancement of Science, Toronto, 1924; Montreal Natural History Society; Quebec Society for the Protection of Birds; Royal Society of Canada, Ottawa; Royal Canadian Institute, Toronto; and other societies. **Member:** American Ornithologists' Union 1910-; Bio-

logical Society of Washington, 1917-; British Association for the Advancement of Science; Cooper Ornithological Club of California, 1906-; American Game Protective Association; Charter Member, American Society of Mammalogists, 1919; Director, same, 1919 to date; Fellow, American Association for the Advancement of Science; President, Ottawa Field Naturalists' Club, 1921, 1922. **Member:** Advisory Board on Wild Life Protection, Canada, 1917 to date; Northern Advisory Board, 1925 to date; Committee on Oil Pollution of Navigable Waters, 1925 to date (last three inter-departmental). **Biography** in *American Men of Science*, 1921, 1927; *Who's Who Among North American Authors*, 1927-28, 1929-30; *Who's Who in the East*, 1930; *Who's Who*, London, 1930. **Born** at Washington Prairie, near Decorah, Iowa, June 30, 1876; father was born in Småland, Sweden; mother's father, Nelson Johnson, pioneer settler in Wisconsin, came from Hitterdal Parish, Øvre Telemarken, in 1839 (see *Early Settlers in Muskego*, pp. 290-292, and R. B. Anderson's *First Chapter of Norwegian Immigration*); mother's mother, Anna Nelson (Solheim) Johnson, came from Voss to Wisconsin in 1841; nephew of the late Hon. Martin Nelson Johnson, Member of Congress from North Dakota, 1891-99, and later elected United States Senator from North Dakota; cousin of Dr. Robert Jay Cook (q.v.).

**ANDERSON, WILLIAM, A.B.** (with distinction), University of Minnesota, 1913; A.M., Harvard University, 1914; Ph.D., Harvard University, 1917. **Professor and Chairman of the Department of Political Science, University of Minnesota, Minneapolis, Minn., 1927 to date.** Instructor in Municipal Government, Harvard University, 1915-16; Instructor in Political Science, University of Minnesota, 1916-17; Assistant Professor of Political Science, University of Minnesota, 1917-21; Associate Professor of Political Science, same, 1921-25; Professor of Political Science, same, since 1925. **Author:** *A History*

of the Constitution of Minnesota, Minneapolis, 1921; *City Charter Making in Minnesota*, Minneapolis, 1922; *American City Government*, Holt & Co., New York, 1925; also articles in *National Municipal Review*, *Minnesota Law Review*, *Minnesota Municipalities*, *Minnesota History*, and other journals. Speaker at the Institute of Public Affairs, University of Virginia, Aug. 1929 and July 1931. Winner of Memorial Prize in History, University of Minnesota, 1913; Harris Political Science Prize, same, 1913. **Member:** American Society of International Law; American Association of University Professors; Phi Beta Kappa; American Political Science Association; Member of Executive Council, same, 1927-29; Vice-President, same, 1929. Member, Minneapolis Charter Commission, 1926 to date; Director, Bureau for Research in Government, University of Minnesota, 1919-28. **Biography** in *Who's Who in America*, since 1928-29 ed. **Born** in Minneapolis, Minn., Oct. 25, 1888; parents, Edward and Maren (Olson) A., were born in Halden and Rakkestad, respectively, married in Halden, and came to the United States in 1887.

**ANSTENSEN, ANSTEN, A.B.** (summa cum laude). St. Olaf College, 1925; Graduate Study, Germany, 1925-26; A.M., Columbia University, 1928; Candidate for Ph.D., Columbia University. **Professor and Head of the Department of German, University of Saskatchewan, Saskatoon, Sask., Canada, 1930—.** Fellow of the Institute of International Education, University of Breslau, Germany, 1925-26; Lecturer in German, Barnard College, Columbia University, New York, 1926-30; also instruction in modern Norwegian, Columbia University, 1927-30, and University of Saskatchewan, 1930—. **Author:** Doctoral dissertation dealing with the reception of Henrik Ibsen in America, to be published; "The Use of Quotations by Peer Gynt," thesis for A.M., Columbia University, 1928; "Henrik Ibsen on the American Stage" (with Robert Herndon Fife), *American-Scandina-*

*vian Review*, Vol. XVI, pp. 218-228, April 1928; "A New Trend in Ibsen Biography," *ibid.*, Vol. XVI, pp. 612-617, Oct. 1928; "Notes on the text of Ibsen's Peer Gynt," *Journal of English and German Philology*, Vol. XXIX, pp. 53-73, Jan. 1930; also numerous contributions to the press. **Member:** Modern Language Association of America; American-Scandinavian Foundation (Secretary, New York Chapter, 1928-29); Norwegian-American Historical Association; Society for the Advancement of Scandinavian Study; Nordmands-Forbundet. **Born** at Vrangfoss, Telemarken, Sept. 21, 1899; Middelskoleeksamen, Skiens kommunale høiere Almenskole, 1915; came to the United States, 1919.

**ANTHONISEN, NIELS L.**, A.B., University of Oslo, 1918; M.D., University of Oslo, 1924. **Instructor in Psychiatry, Johns Hopkins University, Baltimore, Md., 1928—.** Medical Assistant, Dikemark Hospital, Oslo, 1924-27; Assistant in Psychiatry, Johns Hopkins University, 1927-28.

**ARNESSEN, ELIAS THORLEIF RUUD**, A.B., University of Washington (Seattle), 1921; A.M., *ibid.*, 1922; Ph.D., *ibid.*, 1924. **Assistant Professor of English, Oregon State Agricultural College, Corvallis, Ore., 1926-28.** Instructor in English, Oregon State Agricultural College, 1924-26; Teaching Literature, San Francisco State Teachers College, 1928—. **Author:** *Knut Hamsun: Poet and Craftsman* (in ms.); *Modernism and Literature*, a technical and philosophical treatise (in ms.); "Knut Hamsun: The Bard Errant," *Forum*, June 1925. **Translator**, Henning Berge's *Syndafloeden*, play produced by the Cornish School of Music and Fine Arts, Seattle, 1926. **Born** in Oslo, Norway, June 12, 1893; came to the United States in 1912.

**ARNESON, BEN ALBERT**, Graduate, Whitewater (Wis.) State Normal School, 1908; B.A., University of Wisconsin, 1913; M.A., *ibid.*, 1914; Ph.D., *ibid.*, 1916; Study in



Scandinavia, Summer 1927. **Professor and Head of the Department of Political Science, Ohio Wesleyan University, Delaware, Ohio, 1917 to date.** Teacher, Public Schools, Barneveld and Sheboygan, Wis., 5 years; Teacher, German-English Academy, Milwaukee, Wis., 1909-10; Instructor in Political Science, University of Minnesota, 1916-17; Statistician, Department of War, Washington, D. C., Summer 1918. **Author:** *A Gateway to the Social Sciences* (with others), Ginn & Company, New York and Boston, 1926; *Elements of Constitutional Law*, Harper Bros., New York, 1928; also various articles published in the *Independent*, *American Political Science Review*, and other journals. Chautauqua Lecturer; has lectured extensively in Ohio, Pennsylvania, West Virginia, and other states. **Member:** American Political Science Association; Ohio Academy of Social Sciences; Phi Beta Kappa; Alpha Tau Omega; President, Ohio Academy of Social Sciences, 1921-22. **Biography** in *Who's Who in America*, since 1920-21 ed; *Who's Who Among North American Authors*, 1929-30. **Born** at Barneveld, Wis., May 22, 1883; father, Timan Arneson, came from Valdres; mother, Inger (Ruste) A., born at Blue Mounds, Wis., her parents having come from Valdres; brother of Edgar Arneson (q.v.).

**ARNESON, EDGAR, B.S.A.,** University of Wisconsin, 1925; M.S., Ohio State University, 1928. **Instructor in Economics, Purdue University, Lafayette, Ind., 1928-29.** Assistant in Animal Husbandry, University of Wisconsin, 1925-26; Assistant in Rural Economics, Ohio State University, 1926-28; with the John Hancock Life Insurance Company, Chicago, 1929-. **Born** in the United States; brother of Dr. B. A. Arneson (q.v.).

**ARNESON, RUBY, B.S.,** Columbia University, 1922; Art Supervisor Diploma, *ibid.*, 1923; M.A., *ibid.*, 1925. **Assistant Professor of Applied Art, Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa, 1923-24.** Teacher of

Art, Public Schools, Seattle, Wash., 1913-21; Instructor in Art, Thiel College, Summer Session, 1925; Teacher of Art, State Normal School, Slippery Rock, Pa., 1925-27; Instructor in Art, Teachers College, and Supervisor of Art, Elementary Grades, Training School, State Teachers College, Kutztown, Pa., 1927 to date. **Member:** Eastern Arts Association; Pi Lambda Theta, University of Washington. **Biography** in *American Art Annual*, Vol. 25, 1929. **Born** at Sioux Falls, S. Dak.; father was born in Iowa; mother in Norway.

**ARVOLD, ALFRED GILMEIDEN, A.B.,** University of Wisconsin, 1905. **Professor of Oratory, North Dakota Agricultural College, Fargo, N. Dak., 1911 to date.** Instructor in English and Oratory, North Dakota Agricultural College, 1906-08; Assistant Professor of English and Oratory, same, 1908-11. "In North Dakota, Alfred Arvold, director of drama of the State agricultural college at Fargo, keeps the Little Country Theater on the second floor of the administration building continually busy with productions of plays that range from Shakespeare and Ibsen to modern farce, and that play to audiences of grain-growers, cattle-ranchers, and miners who come from miles around. Through the influence of Arvold's work, moreover, hardly a school-house is built in North Dakota to-day without a theater equipment, hardly a crop is harvested without a pageant of the grain to celebrate and illumine it, hardly an event of historical or political significance passes without its dramatic interpretation." *Encyclopedia Britannica*, 1929 ed., Vol. 14, p. 224, col. 2. **Author:** *The Little Country Theater*, Macmillan Co., New York, 1922.

**ASK, BERTHA, Mus.B.,** Chicago Musical College, 1903; Mus.M., *ibid.*, 1904; Pupil of Rudolph Ganz and Felix Borowski, Chicago; Clarence Dickinson, New York; Severin Eisenberger, Berlin; Bendix, Copenhagen; Dagmar Walle-Hansen, Vienna and Oslo, 1912-16; Student, School of Sacred Music,



Union Theological Seminary, New York, 1928-. **Director of the School of Music, Northland College, Ashland, Wis., 1916-20.** Teacher of Piano, Northland College School of Music, 1906-12; Member of Faculty, McPhail School of Music, Minneapolis, 1920-23; Private Studio, Minneapolis, 1923-28; also Church Organist and Choir Director, Minneapolis, 1920-28. **Member:** Pro Musica; Board of Minneapolis Guild of Independent Music Teachers. Member, Board of Examiners in Piano, Minnesota State Music Teachers Association. Winner of Scholarship in competitive examination, Chicago Musical College, for 1902-03. **Biography in** *The Musical Blue Book of America*, 1921-22. Born at Sheldon, Iowa; father came from Gjerdrum, Akershus Amt; mother, from Valdres.

**ASSERSON, WILLIAM C.**, Captain, U. S. Navy. **Instructor in the Department of Seamanship, United States Naval Academy, Annapolis, Md., 1914-15.** Officer, U. S. Navy; now with the Naval Observatory, Washington, D. C. Awarded Navy Cross, World War. Listed in *Who's Who in the Nation's Capital*, 1926-27. Born in the United States, Aug. 21, 1875; sister, Dr. M. Alice Asserson, has been Assistant Physician to Teachers College, Columbia University, since 1912 (see *Who's Who in New York*, 1929); brother, Dr. Frederick A. Asserson, F. A. C. S., is a Physician of Newport, R. I.; father, the late Peter C. Asserson, was born at Egersund. "Civil Engineer Peter C. Asserson, U. S. N., retired, died suddenly at his home in Brooklyn, N. Y., on Dec. 6 from heart disease. He was a native of Norway and was appointed a civil engineer in the navy March 6, 1874, from Virginia. \* \* \* Under his supervision much important work was done, involving the expenditure of many millions of dollars. Among other work he superintended the building and re-building of three large dry docks at the navy yard, New York, and was regarded as the best authority on dry docks in the Navy." *Army and Navy Journal*, Dec. 8, 1906.

**BACHE-WIIG, SARA, B.A.**, Smith College, 1918; M.S., Cornell University, 1919; Student, University of Paris, 1923-25; Laboratoire de Pathologie Végétale, Paris, Summer 1924. **Assistant Professor of Botany, Smith College, Northampton, Mass., 1927 to date.** Assistant in Botany, Smith College, 1919-21; Instructor in Botany, same, 1921-23, 1925-27. **Member,** Phi Beta Kappa.

**BAGSTAD, ANNA EMILIA**, A.B., Yankton College, 1905; Graduate Work, Simmons College, and Emerson College of Oratory, Boston, 1910; New England Conservatory, Boston. **Professor of Modern Languages and Public Speaking, Pacific University, Forest Grove, Ore., 1919-27.** Assistant in German and English, Yankton (S. Dak.) College, 1902-05; Instructor in Expression, Northland College, 1905-10; Teacher of English and German, Northern Normal and Industrial School, Aberdeen, S. Dak., 1911-15; Professor of French and Spanish, Pacific University, 1915; Teacher of Spanish, State Normal School, Bellingham, Wash., 1919; Instructor in German and French, Pomona College, 1927 to date. **Author:** Contributor to *Poet Lore*, Boston; *South Dakota State Poetry Magazine*; 8 poems to *Anthology of South Dakota Poetry*; as a distinguished authority on Dante, was a contributor to *My Favorite Passage from Dante*, published in 1928. **Translator:** Rostand's *The Romancers* (from French, in verse), 1921; Rostand's *The Princess Far Away* (from French, in verse), 1922; Fulda's *The Blockhead* (from German); Moratin's *Fanny's Consent* (from Spanish). Lecturer on literary subjects. Winner of State Intercollegiate Oratorical Contest, Huron, S. Dak., 1903; Winner of Interstate Intercollegiate Oratorical Contest, Fargo, N. Dak., 1903. Study and Travel in Europe. Speaks and writes, besides English, French, German, Italian, Norwegian, and Spanish. **Member:** American Association of University Women; American - Scandinavian Foundation; Hon. member, Phi Lambda Omicron. **Biography in** *In-*

*ternational Blue Book*, London, Paris, and New York, 1926; *Who's Who in America*; *Who's Who Among North American Authors*, 1929-30. Born at Yankton, S. Dak., Feb. 27, 1876; father came from Gudbrandsdalen; mother, from Toten.

**BAKKE, ARTHUR LAWRENCE**, B.S., Iowa State College, 1909; M.S., *ibid.*, 1911; Ph.D., University of Chicago, 1917. Professor of Plant Physiology, Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa, 1925 to date. Student Assistant in Botany, Iowa State College, 1908-09; Teacher of Science, Elgin (Ill.) Academy, 1909-10; Instructor in Botany, Iowa State College, 1910-13; Assistant Professor of Botany and Plant Physiology, same, 1913-17, serving as Associate at the Desert Laboratory of the Carnegie Institution of Washington, Tucson, Ariz., 1913-14, and as Collaborator and Assistant Plant Physiologist, Bureau of Plant Industry, U. S. Department of Agriculture, 1914-17; Associate Professor of Plant Physiology, Iowa State College, 1917-25; also Chief, Plant Physiology, Iowa Agricultural Experiment Station, 1925 to date; engaged in special research work in plant physiology in Europe, including Norway, 1929. **Author:** *The Effect of City Smoke on Vegetation*, Iowa Agr. Exp. Sta. Bull. No. 145, 1913; *Determination of Wilting* (thesis for Ph.D.), reprinted from *Botanical Gazette*, Vol. LXVI, No. 2, Aug. 1918; also numerous articles on botanical subjects published in scientific journals. **Member:** American Society of Plant Physiologists; Botanical Society of America; Phytopathological Society; American Ecological Society; Sigma Xi; Phi Kappa Phi; Gamma Sigma Delta; Gamma Alpha; Chi Phi; Fellow, American Association for the Advancement of Science; Fellow, Iowa Academy of Science; Chairman, Research Committee, American Society of Plant Physiologists. **Biography** in *American Men of Science*, 1921, 1927; *Who's Who Among North American Authors*, 1927-28; *Who's Who in America*, 1928-29. Born at Horace, near Fargo, N. Dak., June

26, 1886; parents, Martin and Angnette (Sundt) B., came from Tromsøe; wife, Josephine (Arnquist) B., is in charge of Girls 4H Club work for the State of Iowa (see *Rus*, 1930).

**BAKKE, HERBERT NOEL**, B.S., State College of Washington, 1917; M.S., *ibid.*, 1921. Instructor in Horticulture and Botany, State College of Washington, Pullman, Wash., 1918-21. Ensign, U. S. Navy, World War; now Manager, Wenatchee-Okanogan Cooperative Federation (a fruit growers' organization growing and packing about 3,000 carloads of apples annually), Wenatchee, Wash. Born at Preston, Minn., Oct. 30, 1894; mother, Ellen L. Bakke, Head of Stimson Hall, State College of Washington, is a cousin of Sadie J. Swenson (q.v.).

**BAKKEN, HENRY HARRISON**, A.B., University of Wisconsin, 1922; M.A., *ibid.*, 1924. Assistant Professor of Marketing, University of Wisconsin, Madison, Wis., 1924 to date. In Field Artillery, American Expeditionary Forces, World War; Assistant in Agricultural Economy, University of Wisconsin, 1922-24. **Author:** "Wisconsin's Greatest Industry," paper read before the American Institute of Cooperation, Northwestern University, 1927. **Biography** in *Rus*, 1925, 1930. Born at Arena, Wis., March 24, 1896; ancestors came from Valdres, and from Vang, Hedemarken.

**BAKKUM, GLENN A.**, Graduate, Iowa State Teachers College, 1916; B.S., Iowa State College of Agriculture and Mechanic Arts, 1920; M.A., Columbia University, 1925; Ph.D., Cornell University, 1928. Professor and Head of the Department of Social Science, University of Wichita, Wichita, Kans., 1927 to date. Supt. of Consolidated School, Halfa, Iowa, 1916-18; Director of Vocational Agricultural Education, Hudson, Iowa, 1920-23; Lydia Roberts Fellow, Columbia University, 1923-24; University Fellow, Cornell University, 1924-25; Instructor in Rural Social Organization, Cornell University, 1925-27;



also Instructor, Iowa State Teachers College, Cedar Falls, Iowa, Summers 1920, 1924, 1927. **Author:** *Relationship of the Slaterville Springs-Brooktondale Area, Tompkins County, N. Y.* (with Bruce L. Melvin), thesis for Ph.D., pub. by Cornell University Agricultural Experiment Station. **Member:** American Sociological Society; Delta Sigma Rho; Alpha Kappa Delta; Phi Delta Kappa. **Born** at Waukon, Iowa; parents came from Nordre Land, Opland fylke.

**BARTH, CARL GEORGE LANGE**, Graduate, Middle School, Lillehammer, Norway, 1875; Technical School, Horten, 1876. **Lecturer on Scientific Management**, Harvard University, Cambridge, Mass., 1911-16, and 1919-23. In machine shops, Norwegian navy yards, and Instructor in Mathematics and Mechanical Drawing, Horten Technical School, 1876-80; Instructor in Mechanical Drawing, Evening Schools, Franklin Institute, Philadelphia, 1882-88; Professor of Applied Mechanics, International Correspondence Schools, Scranton, Pa., 1897-98; Instructor in Mathematics and Manual Work, Ethical Culture Schools, New York City, 1898-99; Lecturer on Scientific Management, University of Chicago, 1914-16; also Mechanical Draftsman with Wm. Sellers & Company, Philadelphia, 1881-90; Engineer and Chief Draftsman, Arthur Falkenau, Philadelphia, 1890-91; Chief Designer, Wm. Sellers & Company, Philadelphia, 1891-95; Engineer and Chief Draftsman, Rankin & Fritch Foundry and Machine Company, St. Louis, 1895-97; Designer with City Water Department, St. Louis, Feb.-June 1897; Machine Shop Engineer, Bethlehem Steel Company, 1899-1901; Engaged in introducing the Taylor System of Scientific Management, under Frederick W. Taylor, 1901-17, independently, 1917-23; Representative of Tiniaus Olsen Testing Machine Company, Japan, 1923-24; Expert in Shop Management, U. S. Arsenal, Watertown, Mass., 1909-12, Frankford Arsenal, Philadelphia, 1912-16, and Ordnance Department, U. S. Army, World War, "when he

confined his attention to companies working on war materials." **Author** of numerous papers read before engineering organizations, and published in technical journals. Has taken out 6 single and joint patents. "Solved Taylor's mathematical problem of long standing which led to development of the many Barth's slide rules used in machine shops as part of Taylor System of Scientific Management." *Who's Who in Eng.*, 1925. "One of the leading exponents of scientific shop management." *Who's Who in Philadelphia in Wartime*, 1920. **Member:** American Academy of Political and Social Science; American Economic Association; National Economic League; Franklin Institute of Pennsylvania; American Association for the Advancement of Science; Honorary Member, Taylor Society for the Promotion of Science in Management; Life Member: American Society of Mechanical Engineers; Navy League; Indian Rights Association. **Biography** in *Who's Who in Pennsylvania*; *Who's Who in Philadelphia in Wartime*, 1920; *Who's Who in Engineering*, 1925; *American Men of Science*, 1921, 1927; *Who's Who in America*, since 1914-15 ed. **Born** in Oslo, Norway, Feb. 28, 1860; came to the United States in 1881.

**BASSOE, PETER, M.D.**, College of Physicians and Surgeons, Chicago, 1897; Graduate Work in Europe, 1900-01, 1906. **Clinical Professor of Neurology**, Rush Medical College, University of Chicago, Chicago, Ill., 1924 to date. Assistant Physician and Pathologist, State Hospital, Mt. Pleasant, Iowa, 1898-1900; Assistant Physician, State Hospital, Worcester, Mass., 1901-02; Associate in Pathology, Rush Medical College, Chicago, 1902-05; Instructor in Pathology, same, 1905-07; Assistant Professor of Pathology, same, 1907-08; Assistant Professor of Pathology and Neurology, same, 1908-09; Assistant Professor of Neurology, 1909-11; Associate Professor of Neurology, 1911-21; Professor of Neurology, since 1921; also Resident Pathologist, Presbyterian Hospital, Chi-



cago, 1902-08; Attending Neurologist, Cook County Hospital, 1907-12; Presbyterian Hospital, 1910 to date; Grant Hospital, 1910 to date; Evanston Hospital, 1910 to date; Member of Neuro-Psychiatric Boards, and Instructor in Neuro-Surgical Schools of the Army, World War. **Author:** *Nervous and Mental Diseases*, volume in the Practical Medicine Series; 3 articles in volume on *Endocrinology and Metabolism*, Appleton, New York, 1922; "The Late Manifestations of Compressed-Air Disease," *Transactions of International Congress on Hygiene and Demography*, Washington, D. C., 1913; also many articles on subjects related to Pathology and Neurology contributed to medical journals, and papers read before learned bodies. Has delivered many lectures and addresses. **Member:** American Neurological Association; American Medical Association; Chicago Medical Society; Chicago Neurological Society; Chicago Pathological Society; Chicago Society of Internal Medicine; Central Neuro-Psychological Association; Phi Rho Sigma; American Association for the Advancement of Science; Honorary Member: Neurological Society of Norway; Norske Medicinske Selskab; Medical Association of Sweden; Minnesota Neurological Society; President, American Neurological Association, 1926-27. **Biography in** *Who's Who in Chicago*, 1917, 1926; *Who's Who in American Medicine*, 1925; *American Men of Science*, 1910, 1921, 1927. **Born** in Drammen, May 18, 1874; Graduate, Christiania Cathedral-skole, 1892; came to the United States in 1893; father from Eker, mother from Skien; nephew of Lektor K. Bassøe of Christiansand S; also many other relatives in educational work in Norway.

**BERDAHL, CLARENCE ARTHUR**, A.B., St. Olaf College, 1914; A.M., University of South Dakota, 1917; Ph.D., University of Illinois, 1920. **Associate Professor** of Political Science, University of Illinois, Urbana, Ill., 1929-. Clerk, Archives Division, Department of War, Washington, D. C., 1914-15;

Teacher of History and Civics, Fergus Falls (Minn.) High School, 1915-16; Fellow in Political Science, University of Illinois, 1917-18; Service in U. S. Army, 1918; Fellow in Political Science, University of Illinois, Jan.-June, 1919, and 1919-20; Instructor in Political Science, University of Illinois, 1920-22; Associate in Political Science, same, 1922-25; Assistant Professor of Political Science, same 1925-29; also Assistant, Periodicals Division, Library of Congress, Washington, D. C., Summer 1916; Instructor in Government, University of Texas, Summer Session 1920; Instructor in Political Science and History, Tulane University of Louisiana, Summer Session 1921; Assistant Professor of Political Science, Ohio State University, Summer Quarter 1923; Assistant Professor of Political Science, University of Colorado, Summer Session 1928; Assistant Professor of Political Science, Syracuse University, Summer Session 1929. **Author:** *War Powers of the Executive in the United States* (dissertation for Ph.D.), Illinois Studies in the Social Sciences, Vol. IX, Nos. 1-2, March-June, 1920; *Documents and Readings in American Government: National, State, and Local* (with J. M. Mathews), Macmillan Co., New York, 1928; Book on Political Parties in the United States (in preparation); "The Richards Primary," *American Political Science Review*, Feb. 1920; "The Louisiana Constitutional Convention of 1921," *ibid.*, Nov. 1921; Review of *Aarbog for de Nordiske Interparlamentariske Grupper, Fjerde Aargang*, 1921, and *Årsbok för de Nordiska Interparlamentariska Grupperna, Femte Årgången*, 1922, *ibid.*, May 1924; Review of Warren's *The Supreme Court and Sovereign States*, *ibid.*, Aug. 1925; Review of Hart's *The Ordinance-Making Powers of the President of the United States*, *ibid.*, Aug. 1926; Review of Oppenheim's *International Law*, Vol. II (4th ed., revised by Arnold D. McNair), and De Heyking's *L'Exterritorialité*, *ibid.*, Feb. 1927; Review of State Department's *Mandate for Palestine*, and Russell's *The International Government of the Saar*, *ibid.*, Nov. 1927;

Review of State Department's *Papers relating to the Foreign Relations of the United States, 1914 Supplement: The World War*, and Pufendorf's *De Officio Hominis et Civis Juxta Legem Naturalem Libri Duo*, *ibid.*, Nov. 1928; Review of National Industrial Conference Board's *The Work of the International Labor Organization*, and Conover's *Working Manual of Oriental Sources in American Government*, *ibid.*, Feb. 1929; "The Power of Recognition," *American Journal of International Law*, Oct. 1920; "The Operation of the Richards Primary," *Annals of American Academy of Political and Social Science*, March 1923; Review of Fuller's *Child Labor and the Constitution*, Educational Review, March 1924; "La Désignation des Candidats à la Présidence aux États-Unis," *Revue de Droit Publique et de la Science Politique*, Oct.-Dec. 1924; "L'Élection du Président des États-Unis," *ibid.*, April-June, 1926; "Methods of Research in Costs of Nominating Systems," report presented to Conference on the Science of Politics, Chicago, Sept. 1924; Review of Clark & Martin's *Status of Ex-Enemy Property: Interpretation of Treaties and Constitution*, Illinois Law Review, Jan. 1927; Review of Kent's *The Democratic Party*, and Myers' *The Republican Party*, The Daily Illini (Sunday Magazine Section), June 3, 1928; Review of Frankfurter & Landis' *The Business of the Supreme Court: A Study of the Federal Judicial System*, Illinois Law Review, Dec. 1928; "The United States and the League of Nations," *Michigan Law Review*, 1929; also a number of articles in the field of political parties and international relations, in preparation. **Translator**, Nils Herlitz' article on "Proportional Representation in Sweden," *American Political Science Review*, Aug. 1925. **Acting Managing Editor**, *American Political Science Review*, Feb.-Sept. 1923; Member of Board of Editors, *same*, 1925 to date; Assisted in editing *Illinois Constitutional Debates of 1847*, 1919; Assisted in compiling "Recent Publications of Political Interest" for *American Political Science Review*, 1917-19; in sole charge of compilation, *same*, 1919 to date. Contributor to

*Journal of Social Science Abstracts*, 1929—. Speaker at the Third Institute of Public Affairs, University of Virginia, Aug. 4-17, 1929. Delivered the Foundation Day Address at St. Olaf College, Nov. 6, 1926, on "The Place of the Denominational College in Our System of Education;" delivered the Honors Day Address at Lombard College, Galesburg, Ill., May 11, 1927, on "The United States and the League of Nations." **Member**: American Political Science Association; American Society of International Law; American Historical Association; Norwegian-American Historical Association; Illinois State Historical Society; Society for the Advancement of Scandinavian Study; Phi Beta Kappa. Member of party taken to Europe by the Carnegie Endowment for International Peace to study international agencies, Summer 1926. **Biography** in *Who's Who Among North American Authors*, 1927-28, 1929-30. **Born** at Baltic, Minnehaha County, S. Dak., June 14, 1890; father, Anders J. Berdahl, came from Fjärland, Sogn; mother, Karen (Otterness) B., born in Wisconsin; brother, J. G. Berdahl, has been a member of the faculty of Augustana College, Sioux Falls, S. Dak., since 1904 (see *School Calendar*); brother-in-law, Dr. O. E. Rølvaag, well-known author, has been Professor of Norwegian Language and Literature at St. Olaf College since 1906 (see *Who's Who in America*).

**BERG, ANDREW C.**, Graduate, Lutheran Normal School, Sioux Falls, S. Dak., 1901; Student, Columbia University, 1925; University of South Dakota, 1926; M.S. in Edn., University of North Dakota, 1929. **Director** of Rural Education, State Teachers College, Mayville, N. Dak., 1925 to date. Teacher, Rural Schools, Pope County, Minn., 1892-99; Teacher, Lake Mills, Iowa, 2 years; St. Paul, Minn., 1 year; Principal of Schools, Colton, S. Dak., 1904-05; Supt. of Schools, Garretson, S. Dak.; Supt. of Schools, Granville, N. Dak., 1907-11; County Supt. of Schools, McHenry County (Towner), N. Dak., 1912-20; State



Inspector of Rural Schools, North Dakota, 1920-25. **Editor**, *Lutheran Normal School Mirror*, 1899-1901. President, North Dakota State Teachers Association. **Biography** in Lounsberry's *History of North Dakota*, 1916; *School Calendar*, 1924. **Born** in Pope County, Minn., June 11, 1876; son of Cornelius A. and Jörand (Brevig) Berg.

**BERG, BIRGER**, Eksamen Ar-tium, Norway, 1920; Diploma, Kongsberg Skogskole, 1922; Diploma, Norges Landbrukshöiskoles Skogbruksavdeling (corresponding to M.S.F.), 1926; Work toward Ph.D. (specializing in Silviculture), University of Michigan, 1929-30. **Instructor in Forestry**, School of Forestry and Conservation, University of Michigan, Ann Arbor, Mich., 1929—. With the Norwegian Geographical Survey Department, one year; with the Nordmarken Estate, one and one-half years; with the Buskerud Forestry Association, one and one-half years; Scholar of the American-Scandinavian Foundation to the United States, serving part of the time as Assistant Scientific Aid at the Allegheny Forest Experiment Station, Philadelphia, 1928-29. **Author**: "An Improved Method of Numbering Trees on Permanent Sample Plots," *Journal of Forestry*, 1929 or 1930; "Site Classification of Uneven Stands," *ibid.* **Member**: Norsk forstmandsforening; Society of American Foresters. **Biography** in *Matrikkel over norske forstmand*, to be published in the near future. **Born** at Oslo, 1900; came to the United States in 1928.

**BERG, DAGNA**, Mus.B. Assistant Professor of Music, University of Arizona, Tucson, Arizona, 1927—.

**BERG, DAVID ERIC**, B.A., University of Minnesota, 1912. **President** of Caxton Institute of Extension Education, New York, N. Y., 1922 to date. Supt. of Schools, Bruno, Minn., 1912-13; Supt. of Schools, Grand Marais, Minn., 1913-14; with University of Wisconsin Education Survey, 1914; Assistant

Director, Bureau of Municipal Research, Akron, Ohio, 1915-16; Assistant Secretary of Committee on Criminal Courts, Charity Organization Society, New York, 1917; Secretary, Charities and Welfare Committee, Philadelphia Chamber of Commerce, and Secretary of Americanization Bureau and of Philadelphia Welfare Federation, 1917-18, 1919-21; with 42nd Division, A.E.F., participating in the St. Mihiel, Woevere, Meuse, and Argonne offensives, 1918; with Army of Occupation, Germany, 1918-19; Research Secretary to Member of Congress, 1921-22; Lecturer on Social Statistics, Fordham University, New York. **Author**: *Pick Your Prof.*, 1920; *Personality Culture by College Faculties*, 1920; also the following volumes published in the series *Fundamentals of Musical Art*: *The Art of Listening*; *Choral Music and Oratorio*; *The Music of the Church*; *The Organ, Composers, and Literature*; *Early and Classic Symphonies*; *Beethoven and the Romantic Symphony*; *Glossary of Terms*. **Managing editor**, *Fundamentals of Musical Art*, 20 Vols., Caxton Institute of Extension Education, New York. **Member**, Phi Delta Kappa. **Biography** in *Who's Who in Philadelphia in Wartime*, 1920; *Who's Who in New York*; *Who's Who in America*; *Who's Who Among North American Authors*; *Who's Who in Literature*, England; *Who's Who in the East*, 1930. **Born** in Minneapolis, Minn., Jan. 13, 1890; father, Lars Pederson Berg, came from Hedemarken; mother, Elizabeth (Skrefsrud) Berg, from Lillehammer; uncle, Lars Skrefsrud (Kerab Saheb), was a Missionary to Santal Parganas, Bengal province, India, 1863-1910, author of the first grammar of Santali, *A Grammar of the Santhal Language*, published in 1873, translator (with P. O. Bodding) of the first version of the Bible in Santali, and collector of 25,000 words for the first Santhal-English, English-Santhal dictionary, completed in 1904; brother, Joseph Bjornson Berg, is Treasurer of Caxton Institute of Extension Education, New York.



**BERG, GEORGE OLAF, A.B.**, St. Olaf College, 1899; Ph.D., Johns Hopkins University, 1903; Student, University of Berlin, 1904-05; Rome, Spring Term, 1905; University of Paris, Summer Term, 1905. **Professor of Greek, Wittenberg College, Springfield, Ohio, 1907-10.** Instructor in Greek and Latin, St. Olaf College, 1899-1900; University Scholar, Johns Hopkins University, 1900-01; Fellow, Johns Hopkins University, 1901-03; Acting Professor of Greek, St. Olaf College, 1903-04, 1905-06; Acting Professor of Greek, Wittenberg College, 1906-07; Professor of Greek, St. Olaf College, 1910 to date; also Assistant Librarian, same, 1911-15; Registrar, same, 1915 to date. **Author:** *Metaphor and Comparison in the Dialogues of Plato* (thesis for Ph.D.), Berlin, 1904. **Member:** American Philological Association; Classical Association of the Middle West and South; Norwegian-American Historical Association. **Biography in School Calendar, 1924; Johns Hopkins Half-Century Directory, 1926.** **Born** at Sacred Heart, Minn., Feb. 13, 1875; father, Hans G. Berg, came from Namdalen; mother, Marit O. (Stavne) B., from Gudbrandsdalen.

**BERG, GEORGE OSCAR, Assistant Professor of Physical Education and Director of Intramural Athletics, University of Wisconsin, Madison, Wis., 1927-28.** Assistant in Physical Education, University of Wisconsin, 1919-20; Instructor in Physical Education, same, 1921-27.

**BERG, JOHN, L.B.**, University of South Dakota, 1895; Ph.M., *ibid.*, 1900; B.S. in C.E., University of Wisconsin, 1905; C.E., *ibid.*, 1910. **Instructor in Mathematics, University of South Dakota, Vermillion, S. D., 1899-1901;** Instructor in Civil Engineering, Iowa State College of Agriculture and Mechanic Arts, 1905-07. Assistant Engineer, Glyndon Contracting Company, 1908-10; with Ralph Modjeski (q. v., *Who's Who in Eng.*, 1925, and *Who's Who in America*), 1912-19; Deputy State Engineer, later State Engineer, South Dakota, 1919 to date.

**Member:** American Society of Civil Engineers; Tau Beta Pi; Phi Beta Kappa; formerly President, South Dakota Society of Engineers and Architects. **Biography in** *Who's Who in Engineering*, 1925; *Who's Who in South Dakota*, 1928. **Born** near Vermillion, S. Dak., 1870; parents came from Örlandet, near Trondheim, in 1869.

**BERGEIM, OLAF, B.S.**, South Dakota State College, 1908; M.S., University of Illinois, 1912; Ph.D., Jefferson Medical College, Philadelphia, 1914. **Associate Professor of Physiological Chemistry, University of Illinois College of Medicine, Chicago, Ill., 1927 to date.** Assistant in Chemistry, University of Illinois, 1911-12; Instructor in Physiological Chemistry, Jefferson Medical College, Philadelphia, Pa., 1912-14; Demonstrator in Physiological Chemistry, same, 1914-15; Demonstrator in Organic and Physiological Chemistry, same, 1915-17; Associate in Physiological Chemistry, same, 1917-19; Assistant Professor of Physiological Chemistry and Toxicology, same, 1919-23; Assistant Professor of Physiological Chemistry, University of Illinois College of Medicine and College of Dentistry, Chicago, 1923-27. In Research Division, Chemical Warfare Service, U. S. Army, 1918. **Author:** *Practical Physiological Chemistry (with P. B. Hawk)*, 9th Ed., Blakiston's Son and Co., Philadelphia, 1926; Chapter on "Animal Acids" (with P. B. Hawk) in Allen's *Commercial Organic Analysis*, 5th Ed., Blakiston's Son and Co., Philadelphia, 1929; about 60 scientific papers on problems related to digestion, published in *Journal of Biological Chemistry* and other chemical and medical journals. **Member:** American Society of Biological Chemists; Society for Experimental Biology and Medicine; American Chemical Society; American Physiological Society; American Association for the Advancement of Science. **Biography in** *American Men of Science*, 1921, 1927; *Who's Who Among North American Authors*, 1927-28, 1929-30. **Born** at Watertown, S. Dak., Nov. 6, 1888; parents

came from Surendalen, near Trondheim, about 1880.

**BERGENDAHL, FLORENCE**, Student of Music, Chicago, New York, and Vienna. **Instructor in Music, University of Wisconsin, Madison, Wis., 1922 to date.** Born in the United States; father came from Ystad, Sweden; mother, from Stavanger.

**BERGESEN, ALBERT R., A.B.**, Northwestern University, 1913; LL.B., *ibid.*, 1916. **President of Fargo College, Fargo, N. Dak., 1926 to date.** Teacher of History and Coach of Athletics, High School, Baraboo, Wis., 1913-14; Instructor in Public Speaking and Coach of Debate, Fargo College, 1917-21; Practicing Attorney, Fargo, N. Dak. Member of Board of Trustees, Fargo College, 1922 to date. Born at Sandwich, Ill., March 18, 1890; paternal ancestors came from Kongsvinger; maternal ancestors, from Christiansand S.

**BERGH, ARTHUR**, educated in the United States. **Instructor in Violin and Conductor of Orchestra, Macalester College, St. Paul, Minn., 1902-03;** Teacher of Violin, Harmony, and Composition, New York Institute of Music, New York, 1911-14. First Violin, New York Symphony Orchestra under Walter Damrosch, 1903-08, and with Metropolitan Opera House Orchestra, New York, 1909-10; Conductor of Municipal Concerts, New York City, 1911-14; now Music Supervisor, Columbia Phonograph Company, New York. **Composer:** Music to Poe's "Raven," melodrama, produced 1909; music to Browning's "The Pied Piper of Hamelin," melodrama; song cycle, "The Congo"; operettas: "In Arcady," and "The Goblin Fair," songs: "The Night Rider," "Pack Clouds Away," "Thou Art My Rest," "The Hawthorn Tree," and about 50 other songs; Concert Suite Op. 26, 4 Tone Pastels, Jollity, and about 50 other works for piano; also several violin compositions. Lecturer on American music. **Member:** American Society of Composers; MacDowell

Club; The Bohemians; Co-Founder and former Secretary, American Music Society; President, Musicians Club of New York. **Biography in** Baltzell's *Dictionary of Musicians*, Boston, 1914; *Musical Blue Book of America*, 1915-17; *International Who's Who in Music*, New York, 1918; *Baker's Biographical Dictionary of Musicians*, 1919; *Grove's Dictionary of Music and Musicians*, Vol 6, New York, 1920; *Who's Who in New York*, 1924, 1929; *Noted Names in Music*, Boston, 1927; *Who's Who in America*, since 1914-15 Ed.; *Who's Who in Music*, Chicago, 1929; *Who's Who in the East*, 1930. Born in St. Paul, Minn., March 24, 1882; father came from Kongsberg; mother from Bergen; parents amateur musicians.

**BERGH, HJALMAR**, Pupil of Walter Golde, New York; Mme. Bailey-Apfelbeck, Vienna. **Instructor in Piano, McMurry College, Abilene, Texas, 1927—.** Member of Faculty, Clarendon College, 1897-1900; Private Studio, New York City, 1921-25, 1926-27.

**BERGH, OTTO INGEMAN**, Graduate, State Normal School, Moorhead, Minn., 1906; B.S.A., University of Wisconsin, 1911; Tour of Governmental Experiment Stations in Canada, England, Scotland, Denmark, Norway, Sweden, and Germany, 1914. **Superintendent of the University of Minnesota North Central School of Agriculture, Grand Rapids, Minn., 1914 to date.** Supt. of Schools, Hendrum, Minn., 1906-08; Director of Agriculture, Putnam High School, Bemidji, Minn., 1911-12; Instructor in Agriculture, and Agronomist, University of Minnesota Northwest School of Agriculture, Crookston, Minn., 1913-14. **Author:** *Potato Growing, Improving a Dairy Herd*, and other experiment station bulletins. **Editor:** *North Central Quarterly*. Inventor of a Stone Truck. Among his contributions to Agriculture are the following: The Golden Moccasin Dent Corn; Method of Converting Raw Peat into Valuable Fertilizer; Proof of the Importance of Early Planting of Winter Wheat and



Winter Rye; Lowering of the Cost of Production of Potatoes and other farm crops by the use of Stable Manure; and the Value of Muskeg as Pasture Land under Proper Handling. **Member:** American Society of Agronomy; American Peat Society; Acacia; Minnesota State Land Improvement Commission, 1916 to date; Chairman, same; member of Executive Committee, Minnesota Farm Bureau Federation; President, Itasca Cooperative Creamery, many years; President, Grand Rapids Commercial Club; Chairman, Agricultural Committee, Northern Minnesota Development Association. 32° Mason and Shriner, Aad Temple, Duluth, Minn. **Biography in** *Rus*, 1920, 1925; *North Central Quarterly*, Sept. 1926. **Born** near Westby, Wis., Oct. 5, 1877; father, J. J. Bergh, Civil War Veteran (serving with 25th Wisconsin Regiment), came from Ringebu, Gudbrandsdalen, in 1849, at the age of 10; mother, Karie C. (Hovde) Bergh, came from Fron, Gudbrandsdalen, at the age of 5; uncle, Marcus C. Bergh, was Deputy State Bank Examiner, Wisconsin, 1897-99, Assistant State Treasurer, 1899-1902, and State Bank Examiner, 1902-11.

**BESSESEN, ALFRED NICHOLAS**, M.D., Rush Medical College, Chicago, 1893. Professor of Histology and Lecturer on Anatomy, Minneapolis College of Physicians and Surgeons, Hamline University, Minneapolis, Minn., 1895-96. Formerly Demonstrator in Anatomy, same; Physician and Surgeon, Minneapolis, 1893 to date. Founder of Fairview Hospital, Minneapolis; Member of Staff, Deaconess Hospital, 1896-1920; Asbury Hospital, 1920 to date. Inventor of several instruments for surgical work. **Member:** American Medical Association; Minnesota State Medical Association; Hennepin County Medical Society; Fellow, American College of Surgeons. **Biography in** *Who's Who in American Medicine*, 1925. **Born** at Albert Lea, Minn., Jan. 18, 1870; father, John Bessesen (d. 1930), for 53 years a jeweler at Albert Lea, Minn., came from Ber-

gen in 1867; mother, Delia (Weum) B., came from Telemarken at the age of five; brothers: Dr. William A. Bessesen, physician of Minneapolis; Daniel Bessesen, practicing attorney of Minneapolis; Hon. Henry J. Bessesen, formerly State's Attorney and State Senator, Wells County, N. Dak., now practicing attorney in Minneapolis; sons: Dr. Daniel Holland Bessesen, surgeon, winner of the Ludden Trust Prize, University of Minnesota, 1918; Dr. Alfred N. Bessesen, Jr., physician of Minneapolis, winner of first prize, Geist Prizes for Research in Anatomy, University of Minnesota, 1921.

**BESSESEN, BENJAMIN BURTON**, B.S. in E.E., University of Washington, Seattle, 1915; Graduate Work, University of Washington and Oregon State Agricultural College. **Instructor in Electrical Engineering, Oregon State Agricultural College, Corvallis, Ore., 1921-26.** Assistant Engineer, Puget Sound Light & Power Company, Seattle, and Stone & Webster Engineering Corporation, Washington and California, 1915-17; 1st Lieutenant, 23rd Engineers, First American Army, United States and France, 1917-19 (serving 28 months, chief portion of time as Company Commander); Teacher of Electrical Engineering, Night School, University of Washington, Seattle, 1919-20; Sales Engineer, machinery house, Seattle, 1919-21; Engineer, city light department, Seattle, Wash., 1926 to date; expects to go into college teaching again. **Author** of two articles on Education published in *Journal of Society for the Promotion of Engineering Education*, April (?), 1925, and Nov. (?), 1926; also various other articles in local publications. **Member:** American Institute of Electrical Engineers; Society for the Promotion of Engineering Education; Captain, Engineer Reserve Corps, U. S. Army. **Biography in** *Who's Who in Engineering*, 1925. **Born** in Portland, Ore., March 17, 1887; father, Sjur Bessesen, came from Bergen; mother, Barbara (Larsen) B., from Lofoten; maternal grandfather was



a pastor and teacher in the Norwegian government service.

**BIRKELO, CARL P., B.A.,** Luther College, 1917; Graduate Work, University of Chicago; M. A., University of Minnesota, 1926. Professor and Head of the Department of Social Science, State Teachers College, Mayville, N. Dak., 1922 to date. Supt. of Schools, Fillmore and Nome, N. Dak., 1917-22. Author: "A Complete School Census: Its Function and Value," *American School Board Journal*, Oct. 1923; "What are the Responsibilities of the Normal School Teacher?", *Educational Administration and Supervision*, May 1927; also various articles in *North Dakota Teachers Association Journal*. Frequent lecturer. Secretary, Social Science Section, North Dakota Teachers Association. Born in the United States, 1893; parents came from Nordfjord in 1881; uncles: Dr. Stefen Sathre, physician of Trondheim; Prof. Sören Sathre, Supt. and Director of the Institute for Feeble-minded, Hope, near Bergen; cousins: Rev. P. C. Birkelo, pastor in Minnesota, South Dakota, Iowa, New York, and New Jersey since 1901; Dr. Carl C. Birkelo, well-known physician of Detroit, Mich.

**BIRKHAUG, KONRAD ELIAS,** A.B., Jamestown (N. Dak.) College, 1917; M.S., University of Rochester, 1927; M.D., Johns Hopkins University, 1924; Student, University of Berlin, 1922, 1924. Associate Professor of Bacteriology and Immunology, University of Rochester, Rochester, N. Y., 1928 to date. In hospital service and prisoners relief work (with International Y. M. C. A.), Russia, 1917-19; same, Verdun, France (whither he was transferred with the Russian prisoners of war), 1919-20; Intern in Infectious Diseases, Sydenham Hospital, Baltimore, Md., 1923-24; Charlton Fellow in Medicine, Johns Hopkins University Medical School, and Assistant in Medicine and Dispensary Physician, Johns Hopkins Hospital, 1924-25; Associate in Bacteriology and Immunology, University of Rochester, 1925-26; also Resident

Bacteriologist, Strong Memorial Hospital, University of Rochester, and Municipal Hospital, Rochester, N. Y., 1925 to date; Assistant Professor of Bacteriology, University of Rochester, 1926-28. Author: *Na chuizhbinnye*, Paris, 1920 (book in Russian on Imprisonment in Foreign Lands); "Terrors of the Bolshevik Revolution during 1917-20," series of articles appearing in the *Baltimore Sun*, 1921; "Post-revolutionary Russian Impressions," *Baltimore Evening Sun*, 1922; "The cure of scarlet fever complicated with erysipelas and streptococcic septicemia" (with Hugh H. Young), *Journal of American Medical Association*, Vol. 83, 1924; Studies in Scarlet Fever: I. "The blanching phenomenon in scarlet fever," *Journal of Clinical Investigation*, Vol. 1, 1925; Studies in Scarlet Fever: II. "The use of convalescent scarlet fever serum and Dochez' scarlatinal antistreptococcic serum," *Bulletin Johns Hopkins Hospital*, Vol. 36, pp. 134-171, 1925; Studies in Scarlet Fever: III. "Relationship of streptococci to scarlet fever and its complications" (with R. A. O'Brien and C. C. Okell), *British Medical Journal*, Vol. 3428, 1926; Studies in Erysipelas (series of 9 articles): "The biology of streptococcus erysipelatis," *Proceedings of Society for Experimental Biology and Medicine*, Vol. 22, 1925; Studies in Erysipelas: I. "Agglutination and Agglutinin-absorption with Streptococcus erysipelatis," *Bulletin Johns Hopkins Hospital*, Vol. 36, 1925; Studies in Erysipelas: II. "Antigenetic relationships among strains of Streptococcus erysipelatis," *Bulletin Johns Hopkins Hospital*, Vol. 37, 1925; Studies in Erysipelas: III. "Experimental production of erysipelas in rabbits and demonstration of protective power of immune serum," *Bulletin Johns Hopkins Hospital*, Vol. 37, pp. 307-327, 1925; Studies in Erysipelas: IV. "Toxin production of Streptococcus erysipelatis," *Proceedings of Society for Experimental Biology and Medicine*, Vol. 23, 1925; Studies in Erysipelas: V. "Observations on the etiology and treatment with Erysipelas Antitoxin," *Journal of American Medical Association*, Vol. 86, 1926; "Erysipelas Antitoxin," *Squibb Memoranda*, Vol. 5, 1926;

"Etiology and specific therapy," *British Medical Journal*, Vol. 3428, 1926; Studies in Erysipelas: VI. "Immunization with soluble toxin from *Streptococcus erysipellatis* against recurrent attacks of erysipelas," *Journal of American Medical Association*, Vol. 88, 1927; Studies in Acute Rheumatic Fever (series of 6 articles): I-V, *Journal of Infectious Diseases*, Vol. 40, 1927; "Bacteriologic studies of a new species of non-methemoglobin-forming streptococcus," *Proceedings of the Society for Experimental Biology and Medicine*, Vol. 24, 1927. Lecture on Researches in Scarlet Fever and Erysipelas delivered at annual congress of the British Medical Association, Nottingham, England, July 26; Lecture tour, by invitation, to London, Birmingham, Bergen, Copenhagen, Berlin, and Hamburg, June-Aug., 1926. Accomplished painter and sculptor; bronze plaque of Dr. George W. Goler, found in Memorial Art Gallery, Rochester, N. Y., is the work of Dr. Birkhaug. **Member:** American Society of Bacteriologists; Society for Experimental Biology and Medicine; American Association of Pathologists and Bacteriologists; American Association of Immunologists; American Medical Association; Phi Chi (national medical); Gamma Mu; Honorary member, Norwegian Pathological Society; Foreign member, Medical Society, Oslo; Fellow, American Association for the Advancement of Science; Fellow, American College of Physicians. **Awarded** Reconnaissance Francaise Gold Medal, 1920. Discovered Erysipelas Toxin, 1925; developed Erysipelas Antitoxin, 1926. Awarded the Rochester Civic Award (\$500.00) in recognition of "the most outstanding civic contribution to the public interests during 1925." "He set to work to discover if he might find the cause of that disease (erysipelas); \* \* \* after discovery of that cause \* \* \* he set out to see if he might not discover a cure for that disease, and found it. \* \* \* He then set out to find if that disease might be prevented, and discovered a toxin antitoxin which might be used in case of suspected onslaught of the disease. Then, still reach-

ing out, he was eager to discover if it might not be possible to determine who was susceptible to that disease, and he sought the test for susceptibility, and found it." Dr. George Barton Cutten, President of Colgate University, at the presentation of the Rochester Civic Award, April 15, 1926. Review of his Studies in Scarlet Fever and Erysipelas appears in *Norsk Magazin for Laegevidenskab*, March 1927, and in numerous other scientific journals in various parts of the world. **Biography** in *American Men of Science*, 1927; *Who's Who in America*, since 1928-29 ed.; *Who's Who in the East*, 1930. **Born** in Bergen, Norway, Oct. 12, 1892; son of former police-captain Karl A. Birkhaug and Elisa M. (Olsen) Birkhaug; came to the United States in 1912.

**BJORGO, SELMA**, Instructor in Piano, Florida State College for Women, Tallahassee, Fla., 1916-17.

**BJORKA, KNUTE**, B.S., University of Minnesota, 1916; M.S., *ibid.*, 1922; Graduate Work in Economics, University of Chicago, 1928-29. **Assistant Professor of Agricultural Economics**, Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa, 1922 to date. Agricultural Director, Public Schools, Belgrade, Minn., 1916-18; County Agricultural Agent, Cambridge, Minn., 1918-19; County Agricultural Agent, Northwood, Iowa, 1919-21. **Author:** *Index Number of Iowa Farm Products Prices*, Iowa Agricultural Experiment Station Economic Series Report No. 3; *Some Statistical Characterization of the Hog Market*, Iowa Agricultural Experiment Station Research Bulletin No. 102; *Iowa Farm Income*, circular, 1927; *International Trade in Pork and Pork Products*, ready for the press. **Member:** American Farm Economics Association; American Statistical Association; American Association of University Professors; Pi Gamma Mu. Awarded Research Fellowship by the Social Science Research Council, in recognition of his contribution to American agriculture, May 1928. **Biography** in *Rus*, 1918, 1920, 1925. **Born** at Fergus Falls,



Minn.; parents came from Kröds-hered, Buskerud Amt.

**BJORLEE, CORNELIA CLEOPHAS** (Mrs. Ignatius Bjorlee), Pupil of Joseph T. Ohlheiser and Hugo Hermann, Chicago Musical College, 8 years; Prof. Servcik, Vienna, 3 years; Victor Keizdt, New York, 1 year; Prof. Van Hulsteyn, Baltimore, 2 years. **Head of the Violin Department, Hood College, Frederick, Md., 1918 to date.** Formerly on the faculty of Chicago Musical College. Appearing in Recitals every year. State Chairman (Maryland), Women's Auxiliary, Norse-American Centennial, Minneapolis, 1925. *Biography in The Musical Blue Book of America*, 1921-22; *Norse-American Women*, Minneapolis, 1925. **Born** at Kensett, Iowa; paternal grandparents came from Ness parish, Hallingdal, to Rock Prairie, Wis., in 1843 (1842?); mother, Kirsti (Nerby) Cleophas, Graduate in Voice and Piano, Chicago Musical College, was born in Valdres; sister, Gertrude Cleophas, Pupil of Fannie Bloomfield Zeisler, Chicago, and Theodore Leschetizki, Vienna, is a noted Concert Pianist, having appeared with Berlin Philharmonic Orchestra under Kunwald, with Minneapolis Symphony Orchestra, and in numerous recitals (for an account of the Cleophas family, see *Minneapolis Tidende*, Dec. 27, 1928).

**BJORLEE, IGNATIUS, B.S.,** St. Olaf College, 1909; A.M., Gallaudet College, 1910; Add. Grad. Work, Columbia University. **Superintendent and Principal of Maryland State School for the Deaf, Frederick, Md., 1918 to date.** Teacher in Public Schools of Iowa, 1904-05; Teacher of Mathematics, St. Olaf College, 1906-09; Normal Fellow, Department of Articulation, Gallaudet College, Washington, D. C., 1909-10; Teacher, New York Institute for the Instruction of the Deaf, New York, 1910-18. **Author:** "Character Building Among Deaf Boys through the Medium of Military Training and Boy Scout Work," 68 *Congressional Record*, U. S. Senate Document 48; various articles on voice development for deaf

children and other topics contributed to *American Annals of the Deaf* and other journals. **Member:** American Association to Promote the Teaching of Speech to the Deaf; Pi Gamma Mu; Secretary, Conference of Superintendents and Principals of American Schools for the Deaf, 1919-24; Secretary, Convention of American Instructors of the Deaf, 1920 to date; President, Frederick Rotary Club; President, Frederick County Boy Scout Council; President, Maryland State Conference of Social Work. "The Superintendent, Mr. Ignatius Bjorlee, has now been identified with the Institution for a number of years, and it is largely through his faithful and able services that the Maryland State School for the Deaf occupies such an enviable position." *Report of the Board of Visitors \* \* \* to His Excellency, the Governor of Maryland, and to the General Assembly*, Dec. 1926. *Biography in School Calendar*, 1924; *Who's Who in Education*, 1927; *Who's Who in the East*, 1930. **Born** in Freeborn County, Minn., Dec. 9, 1885; father came from Lesjeskogen, Gudbrandsdalen; mother (née Tostenson) was born in Wisconsin of Norwegian parentage.

**BJORNEBY, G. JEANETTE,** Graduate, Eddy School of Dramatics, Spokane, Wash., 1921; B.A., St. Olaf College, 1925; M.A., University of Wisconsin, 1926. **Instructor in Dramatics and Interpretation, University of South Dakota, Vermillion, S. Dak., 1926-27.** Instructor in Dramatics and Interpretation, Spokane College, Spokane, Wash., 1921-22; Instructor in same, St. Olaf College, 1927 to date. **Member:** National Collegiate Players; Pi Epsilon —, honorary dramatic fraternity, University of Wisconsin. **Born** in the United States; father's parents came from Solör.

**BJORNSTAD, ALFRED WILLIAM,** Student, University of Minnesota, 1893-96; Honor Graduate, Army School of the Line, 1909; Graduate, Army Staff College, 1910; Brigadier General, U. S. Army. **Professor of Military Science and Tactics, Harvard University, Cam-**



bridge, Mass., 1916-17. Lieutenant and Captain, Spanish - American War, 1898-1904; General Staff, U. S. Army, 1911-12; Military Attaché, American Embassy, Berlin, 1912-13; Instructor in Military Art, Army Staff College, 1915-16; Organizer and Director of 16 Training Camps for Officers (producing the original 25,341 officers for the National Army), 1917; First Chief of Staff, 30th Division, 1917; Organizer and Director of Army General Staff College, France, 1917-18; Chief of Staff, 3rd Army Corps, A. E. F., 1918; Commander of 13th Brigade, participating in all Major Engagements in France, 1918-19; on duty with General Staff, 1919; Commanding Officer, Fort Snelling, Minn., 1920-23; Assistant Commandant, Infantry School, Fort Benning, Ga., 1923-25; Commander, 7th Division, U. S. Army, 1925-28. Took part in 45 battles and actions in the Spanish-American War, Philippine Insurrection, Military Occupation of Cuba and Mexico, and in the World War. **Author:** *Small Problems for Infantry*, Press of Army Service Schools, Fort Leavenworth, Kans., 1916, special reprint for training camps, Government Printing Office, Washington, 1917; *Training Management*, 1925; also numerous magazine articles. Decorated with the Distinguished Service Cross, Distinguished Service Medal, British Order of St. Michael and St. George, French Legion of Honor, and French Croix de Guerre. **Biography** in Mead's *Harvard's Military Record in the World War*; *Who's Who in America*; *New International Encyclopedia Supplement*, 1914-24; *Who's Who in the East*, 1930. Born in St. Paul, Minn., Oct. 13, 1874; son of Julius and Sigrid (Koppang) B.; paternal grandfather came from Röken, near Drammen, settling at Lake Park, Minn., in 1870.

**BLEGEN, CARL WILLIAM**, B.A., University of Minnesota, 1907; B. A., Yale University, 1908; Ph.D., Yale University, 1920. Professor of Classical Archeology, Graduate School of Arts and Sciences, University of Cincinnati, Cin-

cinnati, Ohio, 1927 to date. Teacher and Assistant Director, American School of Classical Studies, Athens, Greece, 1910-27 (with interruptions while the School was closed owing to the World War); with the Red Cross, chiefly in Macedonia, during the war; later engaged in reconstruction work in Macedonia. **Author:** *Korakou, A Prehistoric Settlement near Corinth*, published by the American School of Classical Studies at Athens, printed in Boston, 1921; *The Premycenaean Pottery of the Southern Greek Mainland*, Protat Freres, Macon, 1925; *Zygouries, A Prehistoric Settlement in the Valley of Cleonae*, Harvard University Press, 1928 (one of the important books of the year mentioned in the article on Philology in *The New International Year Book*, 1928, p. 588); *Acrocorinth; Excavations in 1926* (with others), Harvard University Press, 1930; "Excavations in Greece in 1921," *Art and Archeology*, Vol. 13, pp. 209-216, May 1922; "Excavations at Zygouries, Greece, 1921," *ibid.*, Vol. 15, pp. 85-89, Feb. 1923; "American Excavations at Nemea, Season of 1924," *ibid.*, Vol. 19, pp. 175-184, April 1925; "Excavations at Phlius, 1924," *ibid.*, Vol. 20, pp. 22-23, July 1925; "December Excavations at Nemea," *ibid.*, Vol. 22, pp. 127-134, Oct. 1926; "Excavations at Nemea Concluded," *ibid.*, Vol. 24, p. 189, Nov. 1927; "Recent Excavations at the Argive Heraeum," paper presented to the Archeological Institute of America, New York City, Dec. 1928. Member of Archeological Congress, Pittsburgh, Pa., 1920. Decorated by the King of Greece with the Order of the Saviour. Born in the United States; father, the late Prof. J. H. Blegen, Professor of Greek and German at Augsburg Seminary, Minneapolis, Minn., 1885-1916, editor and author, was born in Faaberg, Gudbrandsdalen; mother, Anna (Olsen) B., came from Lillehammer; sister, Anne H. Blegen, M.A., taught French at Macalester College, 1930-31, and joined the faculty of St. Olaf College, 1931; another sister, Martha C. Blegen, was formerly a Teacher at the Lutheran Ladies Seminary, Oak Grove Ladies Lutheran Seminary,

Albert Lea (Minn.) High School, and is now a Teacher in the Sanford Junior High School, Minneapolis; brother, Dr. H. M. Blegen, is a Practising Physician of Warren, Minn., and President of the School Board of that city; brother of Dr. Theodore C. Blegen (q.v.).

**BLEGEN, THEODORE CHRISTIAN**, B.A., Augsburg Seminary, Minneapolis, Minn., 1910; B. A., University of Minnesota, 1912; M.A., *ibid.*, 1915; Ph.D., *ibid.*, 1925. Associate Professor of History, University of Minnesota, Minneapolis, Minn., 1929-. Teacher of History, Fergus Falls (Minn.) High School, 1912-14; Assistant in History, University of Minnesota, 1914-15; Teacher of History, Riverside High School, Milwaukee, Wis., 1915-16; Shevlin Fellow, University of Minnesota, 1919-20; Assistant Professor of History, Hamline University, 1920-22; Professor and Head of the Department of History, Hamline University, 1922-27; Professorial Lecturer in History, University of Minnesota, 1927-28; John Simon Guggenheim Memorial Foundation Fellow, carrying on researches in the history of Norwegian immigration to the United States, Norway, 1928-29; also Assistant Superintendent, Minnesota Historical Society, 1922 to date. Author: *A Report on the Public Archives*, 115 pp., Wisconsin State Historical Society Bulletin of Information No. 94, Madison, 1918; *The "America Letters,"* Videnskapsselskapet, Oslo, 1928; "James Wickes Taylor: A Biographical Sketch," *Minnesota History Bulletin*, Vol. 1, 1915; also "Cleng Peerson and Norwegian Immigration," "Colonel Hans Christian Heg," "The Competition of the Northwestern States for Immigration," "A Plan for the Union of British North America and the United States," "The Norwegian Government and the Early Norwegian Immigrants," "Minnesota Pioneer Life as Revealed in Newspaper Advertisements," and other historical articles published in *Mississippi Historical Review*, *Wisconsin Magazine of History*, *Minnesota History Bulletin*, *Minnesota History*,

and other journals. Contributor to *Dictionary of American Biography*, Scribners, New York, 1928-. Translator and editor: *Ole Rynning's True Account of America*, published by the Norwegian-American Historical Association, Minneapolis, 1926; *Peter Testman's Account of His Experiences in North America*, Norwegian-American Historical Association, Northfield, Minn., 1927; Reiersen's account of "Norwegians in the West in 1844," *Studies and Records*, Vol. 1, 1926. Editor: *Minnesota History: A Quarterly Magazine*, 1923 to date; Managing editor, *Publications of the Norwegian-American Historical Association*, 1925 to date, including the following publications: *Studies and Records*, Vol. 1, Minneapolis, 1926; Vol. II, Northfield, Minn., 1927; Vol. III, Northfield, Minn., 1928; Vol. 5, 1930. Member: Minnesota Historical Society; State Historical Society of Wisconsin; Illinois Historical Society; Norwegian-American Historical Association. Member of Committee on Exhibits, Norse-American Centennial, Minneapolis, 1925. Member of the International Congress of the Historical Science, Oslo, 1928. Biography in *School Calendar*, 1924. Born in Minneapolis, Minn., July 16, 1891; brother of Dr. C. W. Blegen (q. v.).

**BOECKMANN, EDUARD**, A.B., University of Oslo, 1867; A.M., *ibid.*, 1868; M.D., *ibid.*, 1874; Advanced Degree of M.D., *ibid.*, 1882; Hon. Ph.D., *ibid.*, 1911. Professor of Clinical Ophthalmology, Minneapolis College of Physicians and Surgeons, Hamline University, Minneapolis, Minn., 1897-1902, 1904-07. Physician and Surgeon, Bergen, Norway, 1874-82, 1883-84, 1885-86; Physician and Surgeon in the United States, 1882-83, 1884-85; St. Paul, Minn., 1886 until his recent death. Physician, several hospitals, Bergen; Surgeon-in-Chief, St. Paul Hospital, 1902-19; Assistant Surgeon-General, U. S. Army, 1895; Chief Surgeon of Volunteers, upon the appointment of President McKinley, 1898; Member, Minnesota State Board of Health, 1894-1915. Author of many medical papers published in *American Journal of*



*Ophthalmology, Norsk Magazin for Lægevidenskaben, Medical and Surgical Nursing, Medicinsk Revue, Northwestern Lancet, and Journal of American Medical Association. Member:* Chicago Ophthalmological Society; Ramsey County Medical Society; Association of Military Surgeons of the United States; Norwegian Medical Association; American Medical Association; Vice-President, Ramsey County Medical Society, 1898; President, same, 1899. Winner of the Schjelderup Gold Medal in Medicine, University of Oslo, 1873. Member of Ophthalmological Congress, Heidelberg, 1874. Decorated by the King of Norway with the Order of St. Olav, 1906; appointed Commander, Order of St. Olav, 1911. *Biography in Nelson's History of the Scandinavians and Successful Scandinavians*, Vol. 1, Minneapolis, 1893; *Norges Læger*, 1910; *School Calendar*, 1924. Born at Østre Toten, March 25, 1849; deceased; son, Dr. Egil Boeckmann, is a well-known physician of St. Paul, and Member of the Board of Regents of the University of Minnesota.

**BOLLAND, JENS, B.S.**, South Dakota State College, 1915. Instructor in Animal Husbandry, South Dakota State College of Agriculture and Mechanic Arts, Brookings, S. Dak., 1915-16. Died Nov. 1919.

**BORAAS, HAROLD ORLANDO, B.A.**, St. Olaf College, 1922; M.A., Columbia University, 1925; Graduate Student, University of Chicago, 1927-28. Associate Professor of Philosophy and Education, Alfred University, Alfred, N. Y., 1928-. Teacher, High School, Wells, Minn., 1923-24; Instructor in Education, University of Rochester, 1925-27. Member: Kappa Phi Kappa, and Phi Delta Kappa, respectively undergraduate and graduate educational fraternities—professional. Born at Red Wing, Minn., Oct. 30, 1900; paternal grandfather, Johannes J. Boraas, came from Stjördalen, near Trondheim, about 1866; father, Dr. Julius Boraas, has been Lecturer on School Adminis-

tration, State University of Iowa, Summer Sessions, since 1920, was Professor of Education and Philosophy, St. Olaf College, 1910-16, and has been Professor and Head of the Department of Education, St. Olaf College, since 1917 (see *Who's Who in America*, 1918-19 ed. to date); uncle, Ingmar Boraas, was formerly Supt. of Schools at Ada, Minn.; nephew of Dr. George Taylor Rygh (q. v.).

**BORCH, GASTON LOUIS CHRISTOPHER**, Pupil of Jules Massenet, Paris, three years; Johan Svendsen, Oslo. **Instructor in Piano and Violoncello**, Syracuse University, Syracuse, N. Y., 1901-02. Visiting Conductor, conducting the Amsterdam Symphony Orchestra, Societé Symphonique, Lille, Crystal Palace Orchestra, London, Harmonie Royale, Antwerp, and Gewerbehaus Orchestra, Dresden, 1894-96; Conductor of Philharmonic Society, Oslo, 1896-98; Conductor of Orchestra, Central Theater, Oslo, 1897; Conductor, Musikforeningen, Bergen, 1898-99; Cellist, Theodore Thomas Orchestra, 1899-1900; Cellist, Pittsburgh Orchestra, 1903-06, and 1907-?; Conductor, Symphony Orchestra, Lausanne, Switzerland, 1906-07; Conducted the Grieg Jubilee Concert, New York, April 21, 1907; Member of the Faculty of Pennsylvania College of Music, Philadelphia, 1910-?; Director of Symphony Orchestra, Pittsburgh; Carnegie Orchestra, St. Louis; Opera House Orchestra, Boston. **Composer** of about 150 numbers, including the opera, *Silvio*, produced in Oslo, 1898; *Østenfor Sol*, also produced in Europe; three symphonic poems, *Genoveva*, *Quo Vadis*, and *Frithjof*; about 50 pieces for piano; numerous arrangements for orchestra; about 50 standard works arranged as pianoforte trios. *Biography in Who's Who in America*, 1906-07 to 1912-13 eds.; *International Who's Who*, New York, 1912; *Baltzell's Dictionary of Musicians*, Boston, 1914; *International Who's Who in Music*, New York, 1918; *Baker's Biographical Dictionary of Musicians*, 1919; *Dictionary of Modern Music and Musicians*, Lon-



don and New York, 1924; *New Encyclopedia of Music and Musicians*, New York, 1924; *Aschehougs Konversationsleksikon*, Oslo, 1925; Reeves' *Biographical Dictionary of Musicians*, London, 1926; *Das Neue Music Lexikon*, Berlin, 1926; *Noted Names in Music*, Boston, 1927. Born at Guines, Pas-de-Calais, France, March 8, 1871; died in Sweden, 1924(?); father, the late Christopher W. Borch, prominent in mining and engineering affairs, was born in Drammen; mother (née Hennequin), born in Neuilly, France; brother, Frederic L. Borch, has been Vice-Consul for Norway in Stockholm since 1918; granduncle, Christopher Borch (1817-96), was a noted sculptor (see *Aschehougs Konversationsleksikon*); uncle, the late Dr. Alfred Hennequin, was Instructor in French and German, University of Michigan, 1872-88, later Principal of Dr. Hennequin's School of Languages, Boston, and author of many works (see *Who's Who in America*, 1901-02).

**BORDAHL, ESTHER JEANETTE**, A.B., University of Denver, 1926; M.A., *ibid.*, 1927. Instructor in General Chemistry, Oregon State Agricultural College, Corvallis, Ore., 1927-28.

**BORGE, AAGOT MARION KATHARINE**, Mus.B., University of Wisconsin. Instructor in Music, University of Wisconsin, Madison, Wis., 1922 to date. Born in Iowa; father came from Arne, near Bergen; mother's parents, from Valdres.

**BOTHNE, AGNES MARIE**, B.A., in Music, University of Minnesota, 1921. Head of the Music Department, University of Minnesota Northwest School of Agriculture, Crookston, Minn., 1923-25; Head of the Music Department, State Junior College, Bottineau, N. Dak., 1925-26; Student of Voice, and Professional Singer, New York City, 1926 to date. Born in Decorah, Iowa; daughter of Prof. Gisle Bothne (q. v.); mother, Katherine Elise (Brandt) B., daughter of the late Rev. Nils O.

Brandt (see Dr. W. I. Brandt), has given private instruction in Norwegian to library employees, and coached a number of Norwegian plays, at the University of Minnesota; sister, Mrs. Dikka Bothne Brown, was American-Scandinavian Foundation Fellow to Norway, 1921-23, and until recently served as Assistant Treasurer of the American-Scandinavian Foundation, New York.

**BOTHNE, GISLE (Christian Johnson)**, A.B., Luther College, 1878; B.A., Northwestern University, Watertown, Wis., 1879; A.M., Luther College, 1883; Graduate Student, Johns Hopkins University, 1879-80, 1883-84; Universities of Oslo and Berlin, 1904-05; in Athens, Greece, 1905. Professor and Head of the Department of Scandinavian Languages and Literature, University of Minnesota, Minneapolis, Minn., 1907-29; Professor Emeritus, 1929—. Instructor in Greek, Luther College, 1881-83; Professor of Greek, Norwegian, and Old Norse, Luther College, 1884-1907; also Principal of the Academy, 1889-96. Author: *Det Norske Luther College, 1861-1897*. Decorah, Iowa, 1897; *Norwegian Dictionary* (in preparation); Chapter on "Church and Education" in *Norwegian Immigrant Contributions to America's Making*, New York, 1921; "The Language of Modern Norway," *Publications of Modern Language Association*, 1898; also various articles in *Nordmandsforbundet*, and numerous contributions to the press. Collaborator on Wist's *Norsk-Amerikanernes Festschrift*, Decorah, Iowa, 1914; co-editor, Rolfsen's *Boken om Norge (I-V)*, Dybwad, Oslo, 1915. Contributor to American Cyclopedias. Member: Lambda Alpha Psi; Theta Chi; American-Scandinavian Foundation; Member of Council, same; Life member, Modern Language Association of America; Life member, Minnesota Historical Society; Life member, Nordmandsforbundet; Honorary member, Norwegian-Danish Press Association of America; President, later Director, Det Norske Selskab af Amerika. President, Norse-American Centennial, Minneapolis-

St. Paul, 1925. Decorated by the King of Norway with the Order of St. Olav, 1911; appointed Commander, same, 1926. Represented the University of Minnesota at the Centennial Jubilee, University of Oslo, 1911; also at Norwegian Centennial Jubilee, 1914; guest of the Norwegian government at the Ibsen Centenary Celebration, Oslo, 1928. **Biography** in *Nelson's History of the Scandinavians and Successful Scandinavians*, Vol. 2, Minneapolis, 1897; *Dictionary of the University of Minnesota*, 1908; *International Who's Who*, New York, 1912; *Hvem er hvem?*, Oslo, 1912; *School Calendar*, 1924; *Who's Who in America*, since 1910-11 ed.; *Op-slagsboken*, Oslo; *Aschehous Konversationsleksikon*, Oslo; *Norsk Biografisk Leksikon*, Oslo; *Salmonsens Konversationslexikon*, Copenhagen. **Born** in Halden, Sept. 7, 1860; came to the United States in 1876; father, Prof. Thronð J. Bothne (1835-1907), born at Vikør, Hardanger, was editor of *Smaalenenes Amtstidende*, 1862-65, *Fredrikshalds Tilskuer*, 1867-75, Professor of Norwegian and Latin, Luther College 1875-82, editor of *Norden*, Chicago, 1882-84, *Amerika*, Chicago, 1884-87, asst. editor of *Skandinaven*, Chicago, 1887-94, and *Decorah-Posten*, Decorah, Iowa, 1894-1907; mother, Johanne (Okland) Bothne (d. 1902), from Stord, Søndhordland; brothers: the late Rev. J. G. D. Bothne, pastor in North Dakota and Minnesota, 1881-1926; Dr. Erling Bothne, physician at Ulen, Minn.; father of Agnes M. Bothne (q.v.).

**BOYESEN, BAYARD, A.B.**, Columbia University, 1904. **Instructor in English**, Columbia University, New York, N. Y., 1910-11. Member of the faculty of Columbia University, 1907-11. **Author:** *The Modern School in New York*, pub. by Francisco Ferrer Association, New York, 1911. Son of Dr. H. H. Boyesen (q.v.) and Elizabeth (Keen) B.; uncles: J. K. Boyesen, practicing attorney of Chicago; Alf E. Boyesen, distinguished lawyer of Fargo, N. Dak., 1880-87, and of St. Paul, Minn., since 1887 (see Nelson's *History of*

*the Scandinavians and Successful Scandinavians*, Vol. 1, Minneapolis, 1893); brothers: Algernon Boyesen, Managing Editor of *Cosmopolitan Magazine*, 1902 and 1903, author of plays, short stories, and poems, one of the best known dramas being *The Other Mary*, introduced by the famous Mme. Nazimova; died at Biarritz, France, 1930 (see *Men of America*, New York, 1908); Hjalmar Hjort Boyesen, 2nd (1879-1929), became Managing Editor of *Cosmopolitan Magazine* at the age of 21, Editor of *Twentieth Century Magazine* in 1903, was Associate Editor of *Woman's Home Companion*, 1905-06, later member of the law firm of Sullivan & Cromwell, Wall Street, New York, for many years, and a resident of Dinard, France, for the last 5 years until his death on August 28, 1929 (see *Who's Who in America*, 1903-05, *Who's Who in Jurisprudence*, 1925, and *Who's Who in the East*, 1930).

**BOYESEN, HJALMAR HJORT**, Ph.D., University of Oslo. **Professor of Germanic Languages and Literatures**, Columbia University, New York, N. Y., 1890-95. Came to the United States in 1869; Editor, *Fremad*, Chicago, 1869-70; Tutor in Greek and Latin, Urbana (Ohio) University, 1870-72 (?); Assistant Professor of North European Languages, Cornell University, 1874-77; Professor of German Literature and Assistant Professor of North European Languages, same, 1877-80; Gebbard Professor of German Language and Literature, Columbia University, 1881-90. "He acquired a facility in English remarkable in a foreigner, and within six years of his emigration had achieved popularity in English prose and verse." (*New Intern. Encyc.*) "He was a voluminous and versatile writer, his English being forcible and flexible." (*Twent. Cent. Dic. of Not. Am. Authors*). "His works were variously translated into German, Norwegian, Swedish, Russian, French, Italian, Spanish and modern Greek." (*Dictionary of American Biography*). **Author:** *Gunnar: A Tale of Norse Life*, Os-good & Co., Boston, 1874, Scribners,



New York, 1880, and later eds.; *A Norseman's Pilgrimage*, Sheldon & Co., New York, 1875; *Tales from Two Hemispheres*, Osgood & Co., Boston, 1877; *Falconberg*, Scribners, New York, 1879; *Goethe and Schiller: Their Lives and Works*, with a Commentary on *Faust*, Scribners, New York, 1879; *Queen Titania*, Scribners, New York, 1881; *Ilka on the Hill-top, and Other Stories*, 1881, dramatized in 1884 and successfully played for three months in New York and for five months in other cities of the United States; *Idyls of Norway, and Other Poems*, Scribners, New York, 1882 and 1888; Biographical Introduction to *Schiller's Works*, G. Barrie, Philadelphia, 1883; *A Daughter of the Philistines*, Roberts Bros., Boston, 1883; *Social Strugglers*, 1884; *Alpine Roses*, play produced in 1884; *Novellen von H. H. Boyesen* (translated into German by F. Spielhagen), J. Engelhorn, Stuttgart, 1885; Biographical introduction to *Goethe's Works*, G. Barrie, Philadelphia, 1885; *The Modern Vikings: Stories of Life and Sport in the Norseland*, Scribners, New York, 1887 and 1905; *The Light of Her Countenance*, Appleton & Co., New York, 1889; *Vagabond Tales*, 1890; *Against Heavy Odds; A Tale of Norse Heroism*, Scribners, New York, 1890; *The Mammon of Unrighteousness*, 1891; *The Story of Norway*, in the *Story of the Nations Series*, G. P. Putnam's Sons, New York and London, 1891, 1892, and 1894; Introduction to *Kielland's Tales of Two Countries* (translated by William Archer), Harper & Bros., New York, 1891; *Boyhood in Norway; Stories of Boy-Life in the Land of the Midnight Sun*, Scribners, New York, 1892, 1919; *English Literature*, University of the State of New York Extension Department, Albany, 1892; *Essays on German Literature*, T. F. Unwin, London, and Scribners, New York, 1892; *The Golden Calf*, 1892; *Medieval German Literature*, University of the State of New York Extension Department, Albany, 1893; *Norseland Tales*, Scribners, New York, 1894, 1919; *A Commentary on the Works of Henrik Ibsen*, W. Heinemann, London, 1894; *Literary and Social Silhouettes*, 1894; *Essays on Scandinavian Literature*, New York,

1895; also numerous articles and short stories in magazines. "As a popular lecturer he was in great demand." (*New Intern. Encyc.*) Co-founder, Authors Club, New York. *Biography in Distinguished Cornellians*; *Appleton's Cyclopaedia of American Biography*, New York, 1900; *Allibon's Dictionary of Authors*, Supplement, 1902; *Twentieth Century Dictionary of Notable American Authors*, Boston, 1904; *Encyclopedia Americana*, New York; *New International Encyclopedia*, New York; *Aschehougs Konversationsleksikon*, Oslo, 1925; *Salmonsens Konversations Leksikon*, Copenhagen; *Meyers Konversations Lexikon*, Leipzig and Vienna; *Encyclopedie Universelle Du XX Siecle*, Paris; *Enciclopedia Universal Ilustrada*, Barcelona; *Dictionary of American Biography*, vol. 2, Scribner's, New York, 1929; *Library of World's Best Literature*, 1897. For an appreciation of him by Björnstjerne Björnson, written near Cambridge, Mass., Nov. 8, 1880, see *Minneapolis Tidende*, Dec. 12, 1929. Death recorded in *Who's Who in America*, 1903-05 ed. "His three sons were made wards of Columbia College, in recognition of distinguished educational services rendered by their father." (*Twent. Cent. Dic. of Not. Am. Authors*). Born at Fredriksvärn, Sept. 23, 1848; "died, suddenly and alone, in New York, Oct. 5, 1895;" father of Bayard Boyesen (q.v.).

**B R A A F L A D T, LOUIS HENRY**, A.B., Luther College, 1906; C.T., Luther Seminary, 1909; Graduate Work, University of Leipzig, 1910-11; M.S., University of Chicago, 1915; M.D., Rush Medical College, 1916; Ph.D., University of Chicago, 1923. Professor and Head of the Department of Pathology, Shantung Christian University, Tsinanfu, China, 1924-27. Assistant in Pathology, University of Chicago, 1915-16; Associate Professor of Pathology, Shantung Christian University, 1918-21; Instructor in Pathology, Johns Hopkins University, 1921-22; Rockefeller Foundation Fellow, University of Chicago, 1922-23; in charge of Pathological Laboratory and X-Ray Department, Trin-



ity Hospital, Minot, N. Dak., 1927 to date. **Author:** *Synopsis of Pathology* (in Chinese for students), 1920; "The Sensibility of the Gastric Mucosa," *American Journal of Physiology*, Vol. 36, No. 2, 1914; "Asiatic Cholera," *China Medical Journal*, May 1920; "Systematic Blastomycosis," *ibid.*, Jan. 1921; "Carcinoma," *ibid.*, Jan. 1927; "The Effect of Kaolin on Intestinal Bacteria" (thesis for Ph.D.), *Journal of Infectious Diseases*, Vol. 33, 1923. Associate Editor, *China Medical Journal*, 1926—. **Fellow**, American Medical Association; formerly member: Research Committee, China Medical Association; Committee on Medical and Scientific Terminology, same. Adviser to Board of Health, Province of Shantung. Decorated by the President of China, 1920 and 1923. "Dr. Braafladt was an indefatigable worker and a most useful member of the faculty, and at present we do not know how we shall fill his place." Report of the School of Medicine of Shantung Christian University for 1922, p. 12. **Biography** in *Johns Hopkins Half-Century Directory*, 1926; *American Men of Science*, 1927; *Who's Who Among Pastors*, 1928. **Born** near Belview, Minn., Feb. 26, 1885; father came from Numedal; mother, from Hadeland.

**BRAASTAD, FLORENCE A.**, Instructor in English and History, University of Nanking, Nanking, China, 1918-19.

**BRANDT, LOUIS**, B.S., Massachusetts Agricultural College, 1910; Diploma in Civic Design, University of Liverpool, 1913. **Instructor** in Land Gardening, University of Illinois, Urbana, Ill., 1910-12. Designer for Warren H. Manning, Landscape Architect, Boston, 1913-14; with A. D. Taylor, Landscape Architect, Cleveland Ohio, 1914-15; Landscape Architect, Cleveland, 1915—? **Author**, "Landscape Development of City Property," *Ohio Architect*, June 1916. **Member:** Kappa Sigma; Alpha Gamma Rho. Captain, College Hockey Team, two years. Winner of Burnham Prize in Speaking

Contest. **Biography** in University of Illinois *Alumni Record*, 1918. **Born** in East Boston, Mass., 1887; father came from Drammen; mother, from Mjonedalen.

**BRANDT, WALTHER IMMANUEL**, A.B., Luther College, 1915; A.M., University of Wisconsin, 1917; Ph.D., University of Wisconsin, 1920. **Associate Professor** of History, College of the City of New York, New York, N. Y., 1929—. **Instructor** in History and Latin, Albion (Wis.) Academy, 1915-16; **Instructor** in History and Latin, Lutheran Normal School, Sioux Falls, S. Dak., 1917-18; **Fellow** in American History, University of Wisconsin, 1918-19; **Assistant** in History, same, 1919-20; **Instructor** in History, Western Reserve University, 1920-21; **Instructor** in History, State University of Iowa, 1921-23; **Assistant Professor** of History, State University of Iowa, 1923-29. **Author:** *The High School Library* (bulletin), Extension Division, State University of Iowa; *Source Books in History* (bulletin), Extension Division, State University of Iowa; *Medieval Civilization, a Syllabus* (privately printed); "The Origin of the American Steel Navy," paper read before the Mississippi Valley Historical Association, Oklahoma City, 1923; "Some Striking Fourteenth Century Ideas," paper read at annual meeting of Association of History Teachers of the Middle States and Maryland, Washington, D. C., 1929. **Translator**, *On the Recovery of the Holy Land*, published in the series *Records of Civilization* by Columbia University Press (the most important work of Pierre Dubois, written in 1306, "of major importance for the story of the opposition \*\*\* to the claims for universal dominion on the part of the papacy"). **Associate editor**, *Social Science Abstracts*, 1929—. **Member:** American Historical Association; Medieval Academy of America; Norwegian-American Historical Association. **Biography** in *School Calendar*, 1924. **Born** at Brandt, S. Dak., Jan. 2, 1893; paternal grandfather, the late Rev. Nils O. Brandt, was born in Vestre Slidre, Valdres, was the first

pastor ordained in Norway to preach and organize churches west of the Mississippi River, and served as Professor of Latin and German at Luther College, 1865-81 (see *Who's Who in America*, 1912-13 ed.); paternal grandmother, Diderikke (Ottesen) B., was a daughter of Provst Ottesen of Sande Parish, near Drammen; maternal grandfather, Galby, came from Oslo; maternal grandmother, née Aaker, from Telemarken; father, the late Rev. R. O. Brandt (after whom the village of Brandt, S. Dak., was named), was Pastor in South Dakota and Wisconsin, 1883-1927, and served as member of the Board of Regents of Education, South Dakota, 1890-92; uncle, Dr. O. E. Brandt, has been Professor at Luther Theological Seminary, St. Paul, Minn., since 1897 (see *Who's Who in America*).

**BRATRUD, ARTHUR F.**, B.S.; M.D., University of Minnesota, 1912. Instructor in Surgery, University of Minnesota, Minneapolis, Minn., 1927—. Formerly Assistant in Surgery, University of Minnesota. Physician and Surgeon, Minneapolis; on Surgical Staff, Fairview Hospital, and new Asbury Hospital, Minneapolis. Fellow, American College of Surgeons. Listed in *American College of Surgeons* (year-books).

**BRAUNER, JULIUS FREDERICK, Jr.**, C.E. Instructor in Civil Engineering, Cornell University, Ithaca, N. Y., 1910-16; with engineering firm of Ford, Bacon & Davis, New York, 1916-18. Died in New York, Sept. 4, 1918; father, the late Julius Frederick Brauner, well-known woodcarver, came to the United States in 1883; mother née Holter; brother of Prof. O. M. Brauner (q.v.).

**BRAUNER, OLAF MARTINIUS**, Graduate, Massachusetts Normal Art School, Boston, 1892; School of Drawing and Painting, Museum of Fine Arts, Boston, 1895; Pupil of Benson and Tarbell, Boston. Professor of Drawing and Painting and Head of the Depart-

ment of Fine Arts, College of Architecture, Cornell University, Ithaca, N. Y., 1909 to date. Instructor in Drawing, Cornell University, 1895-98; Assistant Professor, 1898-1909. Artist. Has exhibited at Corcoran Art Gallery, Washington, D. C.; Brooklyn Institute of Arts and Sciences, Brooklyn, N. Y.; Pennsylvania Academy of Fine Arts; Philadelphia Art Club; Worcester Academy of Fine Arts; Boston Art Club; Cincinnati Art Museum; Detroit Museum; St. Louis Museum; National Academy of Design; International Exhibition, Ghent, and many other places. Represented by works in various institutions, including Amherst College, Kimball Library, Randolph, Vt., and Cornell University. Designer: Fountain at Seal Harbor, Me.; War Memorial, Kappa Sigma Fraternity, Cornell University; Dane Memorial Bronze Relief, Boston; Clifton B. Brown Memorial Medal for the College of Architecture, Cornell University; Gindell Memorial Medal for Chicago Architectural Club. Author of various publications dealing with the history of art. Member: Gargoyle Society; Phi Kappa Phi; Honorary Member, Central New York Chapter, Institute of American Architects. Biography in *Distinguished Cornellians*; *Who's Who in America*, since 1910-11 ed.; *Who's Who in New York*, 1924, 1929; *Who's Who in Art*, 1927; *American Art Manual*, 1929. Born in Oslo, Norway, Feb. 9, 1869; came to the United States in 1883; brother of J. F. Brauner (q.v.).

**BREDA, OLAUS J.**, First Examination, University of Oslo, 1870; Second Examination, *ibid.*, 1871; A.M., *ibid.*, 1879; Additional Graduate Work, Universities of Oslo, Copenhagen, and Upsala, 1882-84. Professor and Head of the Department of Scandinavian Languages and Literatures, University of Minnesota, Minneapolis, Minn., 1884-99. Professor of Latin and Norwegian, Luther College, 1879-82; Teacher, Frogner Gymnasium, Oslo, Norway, 1900-16. Author of the Act establishing the Chair of Scandina-



vian Languages and Literatures at the University of North Dakota, 1891. The first Professor of Scandinavian Languages at the University of Minnesota. In great demand as a Lecturer. "Professor Breda was a thorough scholar of languages and his courses both in Scandinavian and Latin were exceedingly interesting because of his deep knowledge of etymology and his clear explanation of all difficulties. There was an originality about him which made every recitation period something to which the students looked forward with pleasure. \* \* \* they recognized his wonderful ability as a teacher, \* \* \* and his greatness as a scholar and a man." *Minnesota Alumni Weekly*, Jan. 29, 1917. *Biography in Nelson's History of the Scandinavians and Successful Scandinavians*, Vol. 1, Minneapolis, 1893; *Dictionary of the University of Minnesota*, 1908; *School Calendar*, 1924; *Who's Who Among Pastors*, 1928. Born at Horten, Norway, April 29, 1853; came to the United States in 1873; died 1917.

**GARMAN, AAGOT, RAAEN** (Mrs. T. Garman), Student, University of Minnesota; B.A., University of Wisconsin, 1913; Diploma, University of Berlin, 1914. Supervisor of Practice Teaching, Territorial Normal and Training School, Honolulu, Hawaii, 1923-28. Teacher in Public Schools of Steele County, N. Dak.; Teacher, Oak Grove Ladies Lutheran Seminary, Fargo, N. Dak.; County Supt. of Schools, Steele County (Finley), N. Dak., 1917-23; on tour of Europe, Africa, and India, 1929-30; Resident of Los Angeles, 1930—. Frequent writer and speaker on Education and Patriotism, 1917-23. Chairman, Women's Liberty Loan Drive, Steele County, N. Dak., World War; Chairman, Red Cross Chapter, Steele County, during war; Girl Scout Examiner, Honolulu. Biography in *School Calendar*, 1924. Born in the United States; raised near Hatton, N. Dak.; had no opportunity of attending school until past age of 14, since which time she has made her own way,

doing a man's work on the farm during summer months, attending school in winter, and working her way thru High School, University of Minnesota, and University of Wisconsin; when graduated from High School, awarded prize for essay on "The Novelist as a Teacher," published by P. F. Collier & Son, New York. Has made three tours of Europe, visiting 13 countries on first two trips; has also traveled thru the United States, Canada, in South America, and around the world. Parents, born at Hol, Hallingdal, were among 8 families that removed from Northwood, Iowa, to Northwood and Hatton, N. Dak., in 1874, and were the first white people to settle in the Goose River district near Northwood and Hatton, N. Dak.; brother, the late Rev. T. T. Raaen, was for 14 years pastor of the First Lutheran Church of Cloquet, Minn.

**BREDVOLD, LOUIS IGNATIUS**, A.B., University of Minnesota, 1909; A.M., *ibid.*, 1910; Ph.D., University of Illinois, 1921. Associate Professor of English, University of Michigan, Ann Arbor, Mich., 1927 to date. Teacher, High School, New Ulm, Minn.; Head of the Department of English, Fargo (N. Dak.) High School, 1912-13; Fellow in English, University of Chicago, 1913-14; Instructor in English, Iowa State College of Agriculture and Mechanic Arts, 1914-16; Assistant in English, University of Illinois, 1916-17; 1st Lieutenant, Co. M, 39th Infantry, 4th Division, American Expeditionary Forces, France and Germany, 1917-19; Assistant in English, University of Illinois, 1919-20; Instructor in English, University of Michigan, 1921-23; Assistant Professor of English, University of Michigan, 1923-27; also Assistant Professor of English, University of Chicago, Summer Quarter, 1926; John Simon Guggenheim Memorial Foundation Fellow, 1929-30. Author of numerous articles in *The Dial*, *Journal of English and Germanic Philology*, *Modern Philology*, *Studies in Philology*, *Michigan Studies in*



*Language and Literature, Publications of the Michigan Academy, etc.* **Editor, Selected Poems of Alexander Pope**, New York, 1926. **Member:** Modern Language Association of America; Society for the Advancement of Scandinavian Study. **Born** at Springfield, Minn., July 20, 1888; father came from Näs, Hedemarken, in 1870; mother, also from Hedemarken; brother, August J. Bredvold, was formerly a Teacher in the Halstad (Minn.) High School, and became Editor of the *Halstad Journal* in 1909.

**BREKHUS, PETER J.**, B.A., Augsburg Seminary, Minneapolis, Minn., 1902; D.D.S., University of Minnesota, 1910. **Professor of Oral Diagnosis and Crown and Bridge Work, University of Minnesota, Minneapolis, Minn., 1923 to date.** Teacher in Public Schools, Minnesota, 1902-07; Clinical Assistant in Crown and Bridge Work, University of Minnesota, 1910-11; Instructor, same, 1911-12; Assistant Professor, same, 1912-15; Associate Professor of Crown and Bridge Work, same, 1915-23. **Author:** "The Fundamentals of Crown and Bridge Work," published in *Den Norske Tandlægeforenings Tidende*, and *Nordisk Odontologisk Tidsskrift*. Upon invitation by the Scandinavian dental societies, gave courses in Crown and Bridge Work at the Universities of Helsingfors and Oslo, 1921. Biography in *Minnesota Alumni Weekly*, March 13, 1924. **Born** near Bergen; came to the United States in 1896.

**BREKKE, JULIA ELLA**, B.S. in H.E., Iowa State College, 1916; M.A. in H.E., University of Chicago, 1923. **Instructor in Foods, Oklahoma College for Women, Chickasha, Okla., 1916-17.** Student Assistant in Zoology, Iowa State College of Agriculture and Mechanic Arts, 1914-16; Home Demonstration Agent, Clinton County, Iowa, 1917-23; Assistant State Leader, Home Economics Extension, Michigan State College of Agriculture, 1923-27; Field Agent, Organization and Clothing, later Clothing Specialist and Assist-

ant State Leader, Home Demonstration Agents, North Dakota Agricultural College, 1927 to date. **Author:** "Consumers' Cooperation in the United States," thesis for M.A.; also Short Stories in the *Michigan Farmer* and other periodicals. Frequent lecturer on the Profession of Home-making and other subjects. **Member:** Phi Kappa Phi; Omicron Nu (home econ.). Honor Student, Iowa State College. Biography in *Rus*, 1920, 1925, 1930. **Born** in Faribault County, Minn., Feb. 1, 1887; parents born in Nordfjord; paternal grandparents came from Opstryn, Nordfjord, to Wisconsin, about 1855, traveled in ox cart (kubberulle) to Dell, Faribault County, Minn., in 1865, and settled on a quarter section of land still owned by Miss Brekke's father.

**BREVIG, HAROLD R. H.**, D.D.S., Chicago College of Dental Surgery, Loyola University, 1910. **Instructor in Operative Dentistry, Chicago College of Dental Surgery, Loyola University, Chicago, Ill., 1910-11.** Instructor in Anatomy and Oral Surgery on Cadaver, same, 1909-10; Dental Surgeon, Chicago, 1911 to date. **Author:** Book on Nutrition and Dental Diseases (in preparation); "Personality and Conduct in Practice," lecture delivered at Northwestern University to the graduating classes of the dental students of University of Chicago, Northwestern University, and University of Illinois, 1924, and published in *Dental Facts* (now the *Oral Hygiene*), Nov., 1924, and in *Official Bulletin* of the Chicago Dental Society, 1924; "Dental Health," article in a Chicago newspaper, 1925. Lecture on Oral Hygiene delivered before teachers and pupils of Moos School, Chicago, 1919; Address on Study Club Program for Professional Men, delivered before an organization of dentists, 1925. Gave a clinic at annual meeting of American Dental Association, Dallas, Tex., Nov. 1924. **Member:** Chicago Dental Society; Illinois State Dental Society; American Dental Association; National Geographic Society; Delta Sigma Delta; Life Member, Medi-

cal and Dental Arts Club; formerly member, Institute of Dental Pedagogics; formerly Member of Board of Directors, Chicago Norwegian Club; Secretary and formerly President, Dovre Club, Chicago; Secretary of the Alumni Association, Chicago College of Dental Surgery, 1923-24; Chairman and Secretary of the Study Club Committee, Chicago Dental Society, 1924-26; Secretary of Public Service Committee, Chicago Dental Society; formerly Vice-President, Chicago Dental Society. **Biography** in *Who's Who in Dentistry*, 1925; *Medical Blue Book*, 1929. **Born** in Chicago, Ill., 1886; father born on farm near Drammen; mother from Drammen; a sister is Supervisor of Art in the Public Schools of Chicago; brother, Dr. C. H. H. Brevig, is a Dental Surgeon of Chicago.

**BREVIK, BERRY E.**, B.S. in C.E., Iowa State College, 1918; C.E., *ibid.*, 1919; M.S.E., University of Michigan, 1922. **Assistant Professor of Civil Engineering**, Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa, 1294-26. Formerly Instructor in Civil Engineering, University of Minnesota; in commercial work, 1926 to date. **Born** in the United States; parents came from Trondheim.

**BRONNER, FINN JOHANNES**, Tandläge, State Dental Institute, Oslo, 1907; D.D.S., University of Pennsylvania, 1918; Student, University of Paris, 1926-27. **Associate Professor of Dental Anatomy, Operative Dentistry, and Operative Technology**, New York University College of Dentistry, New York City, 1930—. Formerly Practising Dentist in Norway, and later in the State of Pennsylvania; Instructor in Dental Anatomy, Operative Dentistry, and Operative Technology, New York University College of Dentistry, 1927-29; Assistant Professor, same, 1929-30. **Born** in Norway; father was a distinguished organist of Trondheim.

**BRONSON, BERNHARDT**, Pupil of Francis Campbell, Grand Rapids, Mich.; Oscar Saenger,

New York; George E. Shea, New York. **Head of the Voice Department**, Northwest Missouri State Teachers College, Maryville, Mo., 1925 to date. Member of Faculty, Voice Department, Marquette University, 1916-17; Wisconsin College of Music, Milwaukee, Wis., 1919-21; Head of Voice Department, Simpson College, Indianola, Iowa, 1921-25. **Author** of various articles in *Musician*, Boston. Lecture on "Impediments of the Tongue" delivered before the Wisconsin Music Teachers' Association, 1914; lecture on "Madness in the Methods" delivered before same organization, 1916. His former pupils include the following: Greek Evans, appearing successfully with San Carlos Opera Company; Leota Lane, soprano, musical comedy; Harriet Henderson, concert and oratoria singer, Los Angeles; Frank Banyard, soloist, Broadway Tabernacle, New York; Lola Lane, with Fox Talkies. **Member:** Theta Kappa Nu (national social fraternity); Sinfonia (national music fraternity). **Born** at DePere, Wis.; parents (Bjornson) were both born in Oslo.

**BRONSON, HARRISON ARTHUR**, B.A., University of North Dakota, 1894; M.A., *ibid.*, 1895; LL.B., University of Minnesota, 1901. **Lecturer on Municipal Corporations and Real Property**, University of North Dakota School of Law, Grand Forks, N. Dak., 1902-17. Practising attorney, Grand Forks, N. Dak., and East Grand Forks, Minn., since 1901; State Senator, North Dakota, 1913-17; First Assistant Attorney-General, North Dakota, 1917-18; Associate Justice of the Supreme Court of North Dakota, 1918-22; Chief Justice, same, 1922-24; General Counsel for North Dakota Mill and Elevator Association and North Dakota Terminal Exchange, 1924 to date. **Author** of three works on the Law of Real Property. **Member:** American Bar Association; Phi Beta Kappa; Phi Delta Phi. **Member** of State Board of Bar Examiners, North Dakota, 1911-18; Commissioner on Uniform State Laws. Recognized authority on the Law



of Real Property. Has conducted some of the leading cases in Minnesota and North Dakota. Leader in fight against the recall of judges in North Dakota. Largely instrumental in securing the enactment of the equal suffrage law of North Dakota. *Biography in Who's Who in Jurisprudence*, 1925; *Who's Who in America*. Born at Nunica, Mich., Nov. 19, 1873; paternal ancestors came from Norway.

**BRYN, HAROLD BONNEVIE**, Instructor in Mechanical Engineering, University of Wisconsin, Madison, Wis., 1922-24.

**BRYNE, ANDREAS**, Graduate, Storm's Latin og Realskole, Stavanger, 1899; C.O.P. and Cambridge University Examinations, Section B., Friends' School, Taffron Walden, Essex, England, 1900; B.A., Earlham College, 1907; A.B., Haverford College, 1909; Student, University of Paris, 1910-12; A.M., Harvard University, 1915. Instructor in German, University of Rochester, Rochester, N. Y., 1915-19. Assistant Gymnasium Instructor, Earlham College, 1906-07; Teacher of Languages, Stavanger, 1907-08; Haverford Scholar, Haverford College, 1908-09; Teacher of Languages, Stavanger, 1909-10, and 1912-13; in motor business, Paradis, near Stavanger, 1919 to date. Listed in *Earlham College Alumni Catalog*, 1913; *Earlham College Directory*, 1916; *Biographical Catalog of the Matriculates of Haverford College, 1833-1922*. Born at Stavanger, June 4, 1884.

**BUGGE, ELWYN B.**, A.B., Stanford University, 1926. Instructor in Physical Education, Leland Stanford, Jr., University, Stanford University, Calif., 1928—. Principal of Elementary School, East Stanwood, Wash., 1920-22; Library Assistant, Stanford University. Violinist, solo and orchestra. Member, "Mountaineers," Inc., Seattle, since 1921. Born at Fergus Falls, Minn., April 21, 1899; paternal grandfather came from Hafslo, Sogn, about 1866; father, the late Hans Bugge, was a well-known at-

torney of Bellingham, Wash.; nephew of Major Jens Bugge (q.v.).

**BUGGE, JENS**, Honor Graduate, Army School of the Line, Fort Leavenworth, Kans., 1908; Student Officer, Staff College, 1908-09; Major, U. S. Army, Retired. Professor of Military Science and Tactics, Leland Stanford, Jr., University, Stanford University, Calif., 1916-18. 1st Lieutenant, U. S. Army, Instructor in Department of Drawing, U. S. Military Academy, West Point, N. Y., 1897-98; Assistant Professor of Drawing, same, 1898-1901; Captain, 28th Infantry, U. S. Army, 1901-03; Senior Assistant Instructor, Department of Ordnance and Gunnery, U. S. Military Academy, 1903-05; with a Regiment, 1909-10; at Army War College, Washington, D. C., 1910-11; Represented Army War College at Naval War College, Summer Term 1911; Assistant Director of Army War College, 1911-12; with 13th U. S. Infantry, Philippine Islands, 1912-15; Major, U. S. Army, Retired for Disability Contracted in Line of Duty, Sept. 14, 1916; Adjutant-General, Department of War, Washington, D. C., July-Sept., 1917; at Stanford University, Sept. 16, 1916-Jan. 1, 1918; went overseas, Jan. 13, 1918; General Staff Officer in G-1 of Service of Supply, to June 17, 1918; General Staff Officer, G-1 at Headquarters of American Expeditionary Forces, June 17-July 25, 1918; Assistant Chief of Staff, G-1, First Army, July 25-Aug. 1, 1918; Chief of Operations, 1st Army Corps, Aug. 1-Oct. 12, 1918; Chief of Staff, 35th Division, Sept. 27-Oct. 4, 1918; confined to hospital at Chaumont, Oct. 12-24, 1918; sailed from Brest, Oct. 26, 1918; Commandant of Cadets and Instructor in Artillery, Cavalry, and Infantry Tactics, United States Military Academy, West Point, N. Y., Nov. 8, 1918-July 17, 1919. Commissioned Captain of Infantry, Feb. 2, 1901; Major of Infantry, July 1, 1916; Lieutenant-Colonel, National Army, May 17, 1918; Colonel, National Army, Sept. 8, 1918. Author: *Practical Mi-*



*nor Tactics*, Appleton & Co., New York and London, 1921. **Biography in Register of Officers and Graduates of U. S. Military Academy**, 1920; *Annual Report, Association of Graduates*, 1920. **Born** in Wisconsin, 1870; died July 17, 1919; father came from Hafslo, Sogn, about 1866; brothers: H. J. Bugge, sometime pharmacist of Tagus, N. Dak.; Samuel M. Bugge, banker of Bagley, Minn.; the late Hans Bugge, well-known attorney of Bellingham, Wash.

**BULL, STORM, M.E.** (with highest honors), Federal Swiss Polytechnic Institute, Zurich, 1877. **Professor and Head of the Department of Steam Engineering, University of Wisconsin, Madison, Wis., 1891-1907. Draftsman, Bergen, Norway, 1877-79; Instructor of Mechanical Engineering, University of Wisconsin, 1879-84; Assistant Professor of Mechanical Engineering, same, 1884-86; Professor of Mechanical Engineering, same, 1886-91. Author** of numerous scientific papers published in technical journals. Was a member of the Madison Choral Union, labored long for the cause of good music in Madison, and was a very good amateur performer on the violoncello. **Member:** American Society of Mechanical Engineers; Western Society of Engineers; Society for the Promotion of Engineering Education; Vice-President and Treasurer, same; Fellow, American Association for the Advancement of Science; Vice-President, same, 1899. Awarded the Chanute Medal by the Western Society of Engineers, 1903. Vice-President of the Jury on General Machinery, Paris Exposition, 1900; President of the Jury on Steam Engineering, Louisiana Purchase Exposition, St. Louis, 1904. Alderman, Madison, Wis., 1898-1900; Mayor of the city of Madison, 1901-02. Spoke English, French, and German fluently. Visited Norway in 1886, 1892, and again in 1900; made a tour of the polytechnic institutes of France, Germany, and Switzerland, 1892. **Biography in Nelson's History of the Scandinavians and Successful Scandinavians**, Vol. 2, Minneapolis,

1897; *American Men of Science*, 1906; *Who's Who in America*, from first edition of 1899-1900 to 1906-07 ed. **Born** in Bergen, Oct. 20, 1856; came to the United States in 1879; died 1907; father, Colonel Jens Bull, was an Officer in the Norwegian Army; uncle, Edvard Bull, was Director of the Orchestra of the National Theater of Bergen; another uncle was Ole Bornemann Bull, the noted violin virtuoso; maternal grandfather, Edvard Hagerup, was a member of the extraordinary Storthing of 1814, President of the Lagthing, 1827-28, and Stiftamtmand of Bergen, 1834-52 (see *Aschehougs Konversationsleksikon*, Oslo, 1925); mother, Johanne Margrethe (Hagerup) Bull, was a sister of Gesine (Hagerup) Grieg, mother of Edvard Grieg; hence, cousin of Edvard Grieg, noted composer, and of Fru Nina (Hagerup) Grieg; brother, E. Hagerup Bull, was Minister of Justice and Minister of Finance in the Michelsen ministry of 1905-06, and Justice of the Supreme Court of Norway, with interruptions, 1895-1918 (see *Aschehougs Konversationsleksikon*); son, Eyvind Hagerup Bull, is a well-known engineer of Chicago (see *Who's Who in Engineering*, 1925); grandson, Storm Bull (son of Eyvind Hagerup B.), is a highly-gifted pianist, conductor, and composer, in whom Percy Grainger, among others, has taken a great interest. Reporting the final concert of the American Conservatory Symphony Orchestra at Orchestra Hall, Chicago, May 7, 1928, the *American Conservatory Bulletin* of Aug. 1928 says, "Especially noteworthy was the thoroughly poised and brilliant playing of the Grieg piano concerto by the fourteen year old Storm Bull \* \* \*. Uproarious applause was showered upon him after he arose from the piano, and it is doubtful whether any of the distinguished artists that have appeared on the same stage ever had to respond to a greater number of recalls than did this modest young scion of two famous Norwegian musicians—Edvard Grieg and Ole Bull." (See also *The Music News* of Oct. 18, 1929, with respect to his

appearance with the Philharmonic Orchestra of Oslo.)

**BURSETH, MABEL**, B.S., University of Minnesota, 1926. Instructor in Home Economics Extension, Pennsylvania State College, State College, Pa., 1929—.

**CARLSON, ANDERS J.**, B.S., University of Minnesota, 1916; C.E., *ibid.*, 1917; M.S., *ibid.*, 1925; Ph.D., University of California, 1929. Lecturer in Petroleum Engineering, College of Mining, University of California, Berkeley, Cal., 1926 to date. Instructor in Mine Plant and Mechanics, University of Minnesota School of Mines, 1917-19; Assistant Professor of Mine Plant and Mechanics, University of Minnesota, 1919-26; also Associate Director of Auditorium - Stadium Campaign, Greater Minnesota Corporation, 5 months, 1923; Consulting Engineer, Minnesota Tax Commission, 1918-26; Research Assistant in measurement of geothermal gradients in California oil fields, American Petroleum Institute, March 1, 1927 to date. **Author:** *Handbook of Oil and Gas Testing* (in preparation); "Thermal Conversion of Kerogen to Soluble Bitumen," thesis for Ph.D. (to be published); "Geothermal Gradients in Santa Fe Springs Oil Field of California" (in preparation); "Geothermal Gradients in Long Beach Oil Field of California" (in preparation). Honor Student, East High School, Minneapolis; winner of John Pillsbury Snyder Prize for general efficiency. **Member:** Sigma Xi (honorary scientific society); Tau Beta Pi (honorary engineering fraternity); Alpha Pi Omega (honorary mining fraternity); Scabbard and Blade; Alpha Sigma Phi; Sigma Rho; Minneapolis Engineers Club. **Born** in St. Peter, Minn., Aug. 3, 1894; father, the late Prof. John S. Carlson, was in charge of the Department of Scandinavian Languages and Literatures, University of Minnesota, for a number of years about 1900, author and lecturer; mother's father was born in Skien, Norway; brother of Prof. Gudrun Carlson (q. v.).

**CARLSON, GUDRUN INGE-BORG**, B.S., Teachers College, Columbia University, 1915; M.S., *ibid.*, 1922. Head of the Department of Home Economics, Skidmore College, Saratoga Springs, N. Y., 1915-18; Professor and Head of the Department of Home Economics, South Dakota State College of Agriculture and Mechanic Arts, 1918-20; Head of the Department of Foods and Dietetics, New Jersey College for Women, Brunswick, N. J., 1920-21; Instructor, Teachers College, Columbia University, 1921-22; Director of the Department of Home Economics, Institute of American Meat Packers, Chicago, 1922-29; United States Trade Commissioner to Norway (her work falling directly under the U. S. Department of Commerce), Oslo, 1929—. **Author** of various articles published in the *American Restaurant*, *Modern Priscilla*, and other journals devoted to foods and related subjects. **Lecturer.** **Member:** American Home Economics Association; American Dietetic Association; National Education Association; American-Scandinavian Foundation. The first woman to be appointed United States Trade Commissioner directly by examination, and the third woman in the service to be appointed such Commissioner. Biography in *Who's Who in Chicago*, 1926. **Born** in St. Peter, Minn.; brother, Thorgny C. Carlson, has been Business Manager and Treasurer of the University of Arkansas since 1923, and was formerly Executive Secretary to the President of that university; sister of Prof. Anders J. Carlson (q. v.).

**CARLSON, HAROLD SIGURD**, B.A., St. Olaf College, 1926; M.A., State University of Iowa, 1929. Instructor in Psychology, Long Island University, Brooklyn, N. Y., 1929—. Various lectures delivered. **Born** at Beresford, S. Dak., Aug. 23, 1903; father came from Luba, Sweden; mother's father from Trondheim; brother, Clarence S. Carlson (M.A., State University of Iowa), was Graduate Assistant in Mathematics, State University of Iowa, 1927-28, and has



been Instructor in Mathematics at St. Olaf College since 1928.

**CASPERSON, LEWIS**, Mus.B., American Conservatory, Chicago; Pupil of Allen Spencer, 1913-14. Instructor in Piano, Texas Christian University, Fort Worth, Tex., 1915-16. Director of Music, Wartburg College, 1913-15.

**CHEVALIER, HAAKON M.**, B.A.; M.A., University of California, 1925; Ph.D., *ibid.* (expected in 1928). Associate in French, University of California, Berkeley, Calif., 1927—. Assistant in French, University of California, 1925-27. Author: *The King Laughs*, a one-act play, University of California Little Theater Press, 1922; also verse, stories, and fragments of a novel published in the *Stanford Cardinal*, and University of California *Occident*, 1919-23. Born at Lakewood, N. J., Sept. 10, 1901; father was born in France; mother born in Bergen; maternal grandfather, Danchert Roggen, was a co-founder (with Björnson and Ibsen) of the National Theater of Bergen; brother of Ragnhild Chevalier (q.v.).

**CHEVALIER, RAGNHILD**, B.A., Stanford University; M.A., Stanford University. Instructor in French, Mills College, Oakland, Calif., 1925-27. Author of various short stories appearing in college magazines. Resided in Norway for 5 years, and attended school there; niece of Gabriel Smith, Director of Harbors, Norway, 1900-26, by whom the harbor of Reykjavik, Iceland, was planned (see *Aschehougs Konversationsleksikon*, Oslo, 1925); sister of Haakon Chevalier (q.v.).

**CHILLRUD, FRANKLIN CHESTER**, Ph.B., University of Wisconsin, 1922; Ph.M., *ibid.*, 1923; Work toward Ph.D., Columbia University, 1926-28. Assistant Professor of Psychology, Union College, Schenectady, N. Y., 1928—. Assistant in Education, University of Wisconsin, 1922-23; Instructor in Education, Emory University, 1923-26; Assistant in History of Educa-

tion, Columbia University, 1927-28. Born in Wisconsin, 1893; father was born in Sweden; mother's parents born in Norway.

**CHRISTENSEN, BERNARD VICTOR**, Ph.B., University of Wisconsin, 1917; M.S., *ibid.*, 1925; Ph.D., *ibid.*, 1927. Professor and Head of the Department of Pharmacognosy and Pharmacology, University of Florida, Gainesville, Fla., 1927 to date. Teacher, Rural Schools, Marquette County, Wis., 1905-06; Principal, Graded Schools, Modena, Wis., 1906-08; Principal, Grades and High School, Prentice Wis., 1909-11; Principal of Schools, Friendship, Wis., 1911-13; Principal of Schools, Baldwin, Wis., 1913-16; Principal of Schools, Arcadia, Wis., 1917-19; Supt. of Schools, Augusta, Wis., 1919-23; Instructor in Pharmacy, University of Wisconsin, 1924-27. Author: *Guide to Pharmaceutical Technique*, University of Wisconsin, 1926; *Drug Plants of Florida*, State Department of Agriculture, Tallahassee, Fla., 1929; *Tropical Drug Plants in Florida* (book in preparation); "Status of Plant Drugs in Medical Practice," *Proceedings, Florida State Pharmaceutical Association*, 1928; "Industrial Importance of Medicinal Plants in Florida," *Industrial Survey of Florida*, 1928; "The Demonstration in Physics," paper presented to Northwestern Teachers Association, Eau Claire, Wis., 1919; "Mathematics: Elective or Required," paper read at Northwestern Teachers Association, Eau Claire, Wis., 1921; "Observations on Medicinal Plants of Florida," paper presented to Plant Science Seminar, Boston, Aug. 1928; "Educational Standards for Teachers of Pharmacy," paper read before the American Pharmaceutical Association, Portland, Me., 1928. Member: American Pharmaceutical Association; Florida State Pharmaceutical Association; Plant Science Seminar; Sigma Xi (honorary scientific); Rho Chi (hon. pharmaceutical). Born at Westfield, Wis., 1885; father came from Skagerack, Norway; brother, Norman G. Christensen, and niece, Arlene Christensen, both teachers.



**CHRISTENSON, CARROLL LAWRENCE**, Ph.B., University of Chicago, 1924; Ph.D., *ibid.*, 1930. Instructor in Economics and Sociology, Indiana University, Bloomington, Ind., 1925-27; American-Scandinavian Foundation Fellow for the Study of Economics in Norway, 1927-28 and 1930-31. Born in the United States; paternal grandfather came from Lyster, Sogn; other grandparents, from Lårdal, Sogn.

**CHRISTIENSEN, JACOB MELIUS**, A.B., St. Olaf College, 1924; Graduate Work, State Normal School, Superior, Wis., Summer 1924 and part of Summer 1927; State Normal School, Bemidji, Minn., part of Summer 1927; University of Michigan, Summer 1929. Instructor in Physical Education, Valparaiso University, Valparaiso, Ind., 1929—. Brother of Olaf Chr. Christiansen (q.v.)

**CHRISTIENSEN, OLAF CHRISTIAN**, Mus.B., St. Olaf College, 1925. Instructor in Choral Music and Choral Director, Oberlin College Conservatory of Music, Oberlin, Ohio, 1929—. Formerly Teacher of Music, Flint, Mich., 3 years. Born in Minneapolis, Minn., Aug. 7, 1901; father, Dr. F. Melius Christiansen, Director of the School of Music, St. Olaf College, since 1903, founder and director of the St. Olaf Choir, author and composer, was born at Eidsvold (see *Who's Who in America*); mother's father, Jacob O. Lindem, builder and manufacturer of Marinette, Wis., came from Sandsvär in 1870; nephew of Prof. Christian J. Lindem (q.v.).

**CHRISTIANSON, ERICA**, A.M. Instructor in Household Arts Education, Teachers College, Columbia University, New York, N. Y., 1923-27. Formerly Teacher of Household Arts, Ortonville, Minn., Benson, Minn., and Wauwatosa, Wis. Born in the United States; parents came from Helgeland.

**CHRISTIANSON, JULIA LANGNESS** (Mrs. Conrad M. Christianson), Graduate, Lutheran Normal School, Sioux Falls, S. Dak., 1896; B.S. Carleton College, 1901; Ph.D., University of Pennsylvania, 1906. Instructor in Chemistry, Mount Holyoke College, South Hadley, Mass., 1908-09. Teacher in the Public Schools of Minnehaha County, S. Dak., 1894-95, 1896-97; Teacher of Science and Mathematics, High School, Hopkins, Minn., 1901-03; Teacher of Chemistry and Physics, Fargo College, Fall 1906; Astronomy and Chemistry, Dakota Wesleyan University, Spring 1907; Teacher of Science and Mathematics, High School, Le Sueur, Minn., Spring 1908; housewife, since 1909, devoting spare time to a variety of hobbies, including flower gardening and rug weaving. Author: *Electrolytic Precipitation of Antimony*, thesis for Ph.D., published in pamphlet form; *Electrolytic Determinations and Separations with the Use of a Rotating Anode*, University of Pennsylvania, 1906; *Bible Stories for Primary Classes—New Testament*, 1913; *Bible Stories for Primary Classes—Old Testament*, 1914; *Program Manual for Sunday Schools and Societies*, 1923. Chairman, Christian Nurture Committee, Women's Missionary Federation, Norwegian Lutheran Church of America, since 1923; Secretary, Lutheran Normal School Alumni Association. Biography in *School Calendar*, 1924. Born at Baltic, S. Dak., March 13, 1874; father, the Hon. John O. Langness, one of the earliest settlers at Baltic, S. Dak., member of Dakota Territorial Legislature, and sometime Treasurer of Minnehaha County, S. Dak., came from Meraker, near Trondheim to Goodhue County, Minn., 1866; mother, Anne (Kringen) L., came from Stjördalen; brother, E. J. Langness, and sister, Mrs. Albert C. Anderson, were formerly Teachers in the Public Schools of Minnehaha County, S. Dak.; husband, Prof. Conrad M. Christianson, has been a Member of the Faculty of Augustana College (formerly Lutheran Normal School),

Sioux Falls, S. Dak., since 1892 (see *School Calendar*, 1924).

**CHRISTOPHERSEN, ERLING**, Ph.B., Yale University, 1920; Ph.D., Yale University, 1924. **Professor of Botany, University of Hawaii, Honolulu, Hawaii, 1930—**. Fellow of Yale University, carrying on botanical studies in various Pacific Islands, including Hawaii, 1924-25; Instructor in Botany, University of Oslo, 1925-29; Botanical studies in the Dutch East Indies, 1929. **Author:** "Soil Reaction and Plant Distribution in the Sylene National Park, Norway," *Transactions of Connecticut Academy of Arts and Sciences*, Vol. 27, pp. 471-577, 1925; "The Vegetation of some Equatorial Pacific Islands," *Bulletin 44 of the B. P. Bishop Museum*, Honolulu, 1927. **Member:** Ecological Society of America; British Ecological Society; Sigma Xi; Gamma Alpha. **Born** in Oslo, Norway, 1898.

**CHRISTOPHERSON, CHARLOTTE**, see Charlotte Christopher-son Schager.

**CHRISTOPHERSON, HALBERT CARL**, B.A., University of Minnesota, 1917; M.A., University of Chicago, 1923; Ph.D., Columbia University, 1929. **Professor of Mathematics, Miami University, Oxford, Ohio, 1928—**. Principal and Superintendent of Schools, Minnesota, 1917-23; Professor and Head of the Department of Mathematics, State Teachers College, Oshkosh, Wis., 1923-27; Instructor in Mathematics, Teachers College, Columbia University, 1927-28, and Summers 1926, 1927, 1928. **Author:** "A New Number System," *School Science and Mathematics*; "Directed Numbers," *ibid.*; "The Inductive Method in College Mathematics," *Mathematics Teacher*; "The Use of Graphs in Picturing Relationships," *ibid.*; "A New Beginning for Demonstrative Geometry," *ibid.*; "The Graph, a Picture of Relationships," paper read before the Middle Atlantic States and Maryland Association of Teachers of Mathematics, and before the Mathematics Section, Wisconsin State Teachers Associa-

tion; "The Passing of Ichabod," paper presented to Mathematics Conference, Columbia University; "Beginning Geometry with Similarity," paper given before the Mathematics Section, Ninth Ohio State Educational Conference. **Member:** Phi Beta Kappa, University of Minnesota, 1917; Phi Delta Kappa, University of Chicago, 1922; Kappa Delta Pi, Columbia University, 1928. **Born** at Racine, Minn., Jan. 5, 1894; father came from Trondheim; mother, from Valdres.

**CLAUSON, NILS YLVISAKER**, B.A., Luther College, 1901; Graduate Work, University of Minnesota, 1901-03; University of Leipzig, 1907-08; Johns Hopkins University, 1910-11; A.M., Ph.D. **Instructor in History, University of Michigan, Ann Arbor, Mich., 1926-27**. Teacher of Latin, Greek, French, and English, Lutheran Ladies Seminary, Red Wing, Minn., 1903-07, 1908-09, 1911-18, 1919-20; in Army Y. M. C. A. Work, 1918-19; later Teacher in Portland, Ore., and connected with Yale University; Professor at Augustana College, Sioux Falls, S. Dak., 1930—. **Biography in** *School Calendar*, 1924. **Born** at Red Wing, Minn., Nov. 6, 1878; son of Claus C. and Bertha (Ylvisaker) Clauson.

**CLEVEN, NELS ANDREW NELSON**, Ph.B., University of Chicago, 1906; B.Ed., *ibid.*, 1906; Graduate Work, Universities of Chicago, Berlin, Paris, Grenoble, Bonn, California, and Columbia University; Ph.D., University of Munich, 1913. **Professor of History, University of Pittsburgh, Pittsburgh, Pa., 1927 to date**. Teacher, High School, Frankfort, Ind., 1906-07; High School, Lafayette, Ind., 1907-09; San Diego, Calif., 1914-18; Research Assistant, Bureau of Research and Statistics, War Trade Board, Washington, D. C., 1918-19; Assistant Professor of History and Political Science, University of Arkansas, 1919-21; Assistant Professor of History, University of Pittsburgh, 1922-24; Associate Professor of History, University of Pittsburgh, 1924-27. **Author:** *Flori-*



*dablanças Handelspolitik Gegen Oesterreich, 1777-1792* (thesis for Ph.D.), Munich, Germany, 1913; *An Economic History of Norway during the World War*, in manuscript; "The Dispute between Bolivia and Paraguay," *Current History*, Jan. 1929; "The Ecclesiastical Policy of Maximilian of Mexico," *Hispanic American Historical Review*, Vol. 9, No. 3, pp. 318-360, 1929; also numerous other contributions to journals and newspapers. **Current History** Associate for *Current History*. **Translator**, *Historia de América Central*. **Editor**: *Readings in Hispanic American History*, Ginn & Company, 1927. **Lecturer**. **Member**: American Historical Association; Academy of Political and Social Science; Academy of Political Science; American Association for the Advancement of Science; Conference of Hispanic American History; Conference on Immigration Policy (chief executive, same, twice); Delta Sigma Phi; Delta Sigma Pi; Square and Compass; Founder, and Permanent Honorary National President, Phi Alpha Theta (national honorary history fraternity); Corresponding member, Hispanic American Academy of Science and Art, Cadiz, Spain. **Member**, Hispanic American History Commission, 1926 to date. **Delegate** from University of Pittsburgh to International Congress of American History, Rio de Janeiro, 1922, and Asuncion, Paraguay, 1926; represented University of Pittsburgh on the Mexican Commission, 1923, and at the Pan-American Centennial Congress, Panama, 1926; **Member** of International Congress of the Historical Science, Oslo, 1928. **Born** at Lake Mills, Iowa, Dec. 21, 1874; father, Nels Nelson Clevén, pioneer farmer at Richards, S. Dak., and one of the 5 first settlers in Buffalo County, S. Dak., came from Nissedal, Telemarken, at the age of 10; mother, Turina (Sanders) Clevén, was born in Dane County, Wis.; maternal grandparents came from Hallingdal.

**COOK, ROBERT JAY**, B.A., Iowa State College, 1907; M.D., Johns Hopkins University, 1913.

**Associate Clinical Professor of Orthopedic Surgery**, in charge of Department of Orthopedics, Yale University School of Medicine, New Haven, Conn. **Appointed Assistant Professor of Surgery**, Yale University, 1920; **Physician and Surgeon**, New Haven, Conn.; **Consulting Orthopedist**, New Haven Hospital; **Orthopedic Surgeon**, Grace Hospital. **Fellow**, American College of Surgeons. **Born** at Independence, Iowa, July 6, 1887; on mother's side, nephew of the late Hon. Martin N. Johnson, **Member** of Congress from North Dakota, 1891-99, later elected to the United States Senate; brother, William Edwards Cook, is a well-known artist of Paris, France; cousin of Dr. Rudolph M. Anderson (q. v.).

**CORSTVEDT, ANNA ALICE**, A.B., University of Wisconsin, 1907; A.M., University of Wisconsin, 1910. **Professor of History**, Illinois Wesleyan University, Bloomington, Ill., 1910-18. **Professor of History**, Jewell (Iowa) College, 1919-20; **Teacher**, High School, Madison, Wis. **Lecturer** in Wisconsin and Iowa. **Traveler** in Europe. **Member**, Phi Beta Kappa. **Biography** in *School Calendar*, 1924. **Born** at Deerfield, Wis., July 28, 1884; daughter of Tollef and Ingeborg (Berstad) Corstvedt; uncle, Alexander Corstvedt, was Principal of the 27th Avenue School, Milwaukee, Wis., 1912-22.

**DAHL, ALMA S. T.**, Professor of Voice Culture, De Pauw University, Greencastle, Ind., 1890-92.

**DAHL, ARNOLD S.**, B.S., University of Wisconsin, 1924; M.S., *ibid.*, 1925. **Professor of Biology and Geology**, Kansas City University, Kansas City, Kans., 1925-26; **Instructor** in Biology, Des Moines University, 1926-28.

**DAHL, CASPER I.**, D.D.S. **Instructor** in Operative Dentistry, University of Denver, Denver, Colo., 1924-25. **Demonstrator** in Operative Dentistry, University of Denver, 1922-24.



**DAHL, GEORGE, B.A.,** Yale University, 1908; M.A., *ibid.*, 1909; Student, Jena, Berlin, and Marburg, 1909-10; Ph.D., Yale University, 1913. Professor of Old Testament Literature on the Samuel Holmes Foundation, Yale University, New Haven, Conn., 1925 to date. Instructor in Hebrew Language and Literature and New Testament Greek, Yale University, 1912-14; Assistant Professor of Old Testament Literature, same, 1914-22; Associate Professor of Old Testament Literature, same, 1922-25; also Director of Religious Work, Divinity School, Yale University, 1913 to date; Visiting Professor of Biblical Literature, Smith College, 1924-25. **Author:** *Materials for the History of Dor*, Yale University Press, 1914; *The Heroes of Israel's Golden Age*, Macmillan Company, New York, 1923; Chapter on "The Modern Approach to the Old Testament" in *Education for Christian Service*, Yale University Press, 1922; also contributor to *Yale Divinity News*. Editor-in-Chief, *Journal of Biblical Literature*, 1922 to date. **Member:** Alpha Delta Phi; Phi Delta Kappa; Skull and Bones; Oriental and Semitic Clubs; Corresponding Secretary, Society of Biblical Literature and Exegesis. Traveled in Palestine, 1910, 1923. **Biography** in *Who's Who Among North American Authors*, 1927-28; *Who's Who in America*, 1928-29; *Who's Who in the East*, 1930. **Born** in Chicago, Ill., Jan. 1, 1881; father, Julius Martin Dahl, came from Lier, near Drammen; mother, Christine (Christofferson) Dahl, from Oslo.

**DAHL, HILBERT EINAR,** B.S., Pennsylvania State College, 1917; M.E., *ibid.*, 1920. Assistant Professor of Landscape Architecture, Pennsylvania State College, State College, Pa., 1924-27. Landscape Architect for the Commonwealth of Pennsylvania, 1920-24; Practising Landscape Architect, State College, Pa., 1927 to date. **Biography** in *Rus*, 1925. **Born** in Chicago, Ill., 1893; father, Adolph M. Dahl, came from Lofoten; mother, from Tromsøe; nephew of Leonard Holmboe, Chief Engineer,

Illinois Steel Company, designer and builder of Illinois Steel Company's South Works, near Chicago.

**DAHL, OLAUS, B.A.,** Luther College, 1885; B.D., Yale University Divinity School, 1889; Ph.D., Yale University, 1891. **Instructor in Scandinavian Languages**, Yale University, New Haven, Conn., 1890-94; Docent and University Extension Lecturer in Scandinavian Literature, University of Chicago, 1894-97. **Biography** in *Yale University Catalog of Officers and Graduates, 1701-1924*; *Catalogs of the University of Chicago, 1894-97*; *Yale University Obituary Record, 1890-1900*; *Who's Who Among Pastors*, 1928. **Born** in Holter, Akershus Fylke, Sept. 15, 1859; came to the United States in 1870; died March 10, 1897.

**DAHL, OLGA C., B.A.,** University of Minnesota, 1910; M.A., Teachers College, Columbia University, 1925. **Assistant Professor of English**, Wittenberg College, Springfield, Ohio, 1925-27. Delegate from Minnesota to the International Conference of University Women, Oslo, Norway, July 1924. **Born** in Minneapolis, Minn.; father, civil engineer, graduate of Norway Institute of Technology, Trondheim, was born at Finstad, Øvre Rendalen; mother born at Haugseth, Øvre Rendalen; niece of Hon. John Haugseth, member of the City Council of Oslo.

**DAHL, OLIVE M., A.B.,** University of North Dakota, 1921; M.A., Wesley College, Grand Forks, N. Dak., 1923; Additional Graduate Work, Columbia University. **Dean of Women and Assistant Professor of German**, Willamette University, Salem, Ore., 1927 to date. Principal of High School, Buxton, N. Dak., 1922-25. **Member**, Phi Beta Kappa. **Born** at Ashley, N. Dak., 1888; father came from the vicinity of Trondheim.

**DAHL, OTTO GUSTAV COLBIORSEN,** Graduate, Royal Norwegian Naval Academy, 1915; Advanced Course, *ibid.*, 1917; B.S. in

E.E., Massachusetts Institute of Technology, 1921; M.S. in E.E., *ibid.*, 1923. Associate Professor of Electric Power Transmission, Massachusetts Institute of Technology, Cambridge, Mass., 1926 to date. Lieutenant, Royal Norwegian Navy, 1915-17; 1st Lieutenant, same, 1917-19; successively Electric Research Assistant, Instructor in Electrical Engineering, and Assistant Professor of Electric Power Transmission, Massachusetts Institute of Technology, 1921-26. **Author:** *Electric Circuits; Theory and Applications*, McGraw-Hill Book Co., New York, 1928; *Transformer Harmonics*, discussing the introduction of harmonics in power networks by transformers with particular reference to the residuals, Bulletin of Massachusetts Institute of Technology, 1923, and published in *Proceedings of the National Electric Light Association*, 1923-24; *Separate Leakage Reactance of Transformer Windings*, in Transactions of the American Institute of Electrical Engineers, 1925, and published separately, Boston, 1926; *Transformer Harmonics and Their Distribution*, in Transactions of the American Institute of Electrical Engineers, 1925, and published separately, Boston, 1926; "Temperature and Stress Distribution in Hollow Cylinders," in *Transactions of American Society of Mechanical Engineers*, 1924, and in U. S. Ordnance Dept. *Ordnance Technical Notes* No. 13, pp. 1-48, 1929. Associate **Member**, American Institute of Electrical Engineers. Biography in *Who's Who in Engineering*, 1925. **Born** in Horten, Sept. 20, 1893.

**DAHL, PETRA M.**, B.S. Assistant Professor of English and German, Valparaiso University, Valparaiso, Ind., 1911-14 (or 1911-16?).

**DAHLE, CHESTER DISTAD**, B.S., University of Minnesota, 1920; M.S., *ibid.*, 1921. Professor of Dairy Manufacture, Pennsylvania State College, State College, Pa., 1929—. With American Expeditionary Forces, World War; Instructor, and later Assistant Professor of Dairy Husbandry, University of Minnesota, 1921-24; Associate Professor

of Dairy Manufacture, Pennsylvania State College, 1924-29. **Author:** *Manual for Ice Cream Makers*, Loyless Pub. Co., Atlanta, Ga., 1928; also many scientific papers on dairy manufacturing problems, in *Journal of Dairy Science*, *Journal of Biological Chemistry*, and in dairy trade journals. Technical Editor, *Ice Cream Field* (national journal), Atlanta, Ga. Addresses on dairy subjects given at many State and regional meetings. **Member:** Gamma Sigma Delta (hon. agric. soc.); Sigma Xi (hon. sc.); Alpha Zeta (hon. agric. frat.); Delta Tau Delta (social frat.). Biography in *Rus*, 1925, 1930. **Born** at Cheney, Wash., 1896; father came from Hardanger; mother born in Wisconsin of Norwegian parentage.

**DALAKER, HANS H.**, A.B., University of Minnesota, 1902; Ph.D., Cornell University, 1917. Professor of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn., 1923 to date. Teacher, Decorah (Iowa) Institute, 1893-97; Instructor in Mathematics, University of Minnesota, 1902-07; Fellow in Mathematics, Cornell University, 1907-08; Assistant Professor of Mathematics, University of Minnesota, 1908-21; Associate Professor of Mathematics, same, 1921-23. **Author** of many scientific papers published in technical journals. **Member:** American Mathematical Society; Mathematical Association of America; Society for the Promotion of Engineering Education; President, Minnesota Section, Mathematical Association of America, 1922-23. **Biography** in *American Men of Science*, 1910, 1921, 1927. **Born** at Rennesöy, near Stavanger, Dec. 6, 1871; brought to the United States in childhood.

**DANIELSON, HOWARD R.**, Instructor in Farm Engineering, University of Minnesota Northwest School of Agriculture and Experiment Station, Crookston, Minn., 1907-12; Acting Superintendent, same, 1912; Farm Manager, Minnesota, 1915-18; County Extension Agent, Pierce and Steele Counties, N. Dak., successively, 1918 to date.



**Author** of an average of 150 different news articles appearing in the local press each year, 1918 to date. Has delivered numerous addresses at farm meetings. **Editor**, *Pierce County Farm Bureau News*, 1920-22. Biography in *Rus*, 1920, 1925. **Born** in Goodhue County, Minn., 1880; father came with parents from Drammen in 1842, at the age of 2 years; mother's parents came from Sigdal, near Drammen.

**DIETRICHSON, JOHN GERHARD**, A.B., University of Minnesota, 1909; B.S., *ibid.*, 1910; Ph.D., University of Wisconsin, 1914. **Assistant Professor of Physical Chemistry**, University of Illinois, Urbana, Ill., 1921-25. **Assistant in Chemistry**, University of Minnesota, 1909-10; **Assistant in Chemistry**, University of Wisconsin, 1910-12; **Instructor in Chemistry**, University of Wisconsin, 1912-13; **Instructor in Chemistry**, University of Minnesota, 1913-17; **Instructor in Physical Chemistry**, University of Illinois, 1917-19; **Associate in Physical Chemistry**, University of Illinois, 1919-21; **Instructor in Chemistry**, Massachusetts Institute of Technology, 1926 to date. **Member**: Alpha Chi Sigma; Gamma Alpha; Sigma Xi. Biography in University of Illinois *Alumni Record*, 1918. **Born** at Menomonie, Wis., 1884; father, Rev. P. A. Dietrichson, Pastor in Wisconsin, Minnesota, Massachusetts, and New York, 1878-1903, was born at Stavanger; mother, Ragnild (Jackson) D., also born in Norway.

**DIETRICHSON, MARTHINE MAGDALENE**, Pupil of Nina Grieg; Benvenuti, Rome, 6 years. **Professor of Voice Culture and Opera and Oratorio Singing**, De Pauw University, Greencastle, Ind., 1897-1903. Later Head of the Vocal Department, Huntington Hall School for Girls, Pasadena, Calif.; also connected with the Bach School of Music, Los Angeles. Concertized in Italy, England, Norway, Sweden, and the eastern part of the United States. Biography in *Who's Who in Music in California*, Los An-

geles, 1920. **Born** in Oslo, Norway; died in California, 1920.

**DISTAD, HJALMAR WILLIAM**, B.S., University of Minnesota, 1923; A.M., *ibid.*, 1924; Ph.D., *ibid.*, 1926. **Assistant Professor of Education**, Emory University, Atlanta, Ga., 1926 to date.

**DOE, JENS A.**, Graduate, United States Military Academy, West Point, N. Y., 1914; Major, U. S. Army. **Instructor in Tactics, Commanding Company of Cadets, United States Military Academy, West Point, N. Y., 1923-25.** 2nd Lieutenant, U. S. Army, 1914-16; 1st Lieutenant, 1916-17; Captain, 1917-18; Major, 1918—. Service at the Mexican Border and in France; now Commander of 3rd Battalion, 15th U. S. Infantry, China. **Born** in Chicago; father, the late Dr. Anders (Daae) Doe, was a Physician in Chicago, 1880-?.

**DOLVE, ROBERT MARTINUS**, B.S., in M.E., North Dakota Agricultural College, 1905; M.S. in M.E., Cornell University, 1919. **Dean of the School of Mechanic Arts and Professor of Mechanical Engineering**, North Dakota Agricultural College, Fargo, N. Dak., 1928—. **Instructor in Agricultural Engineering**, North Dakota Agricultural College, 1906-08; **Assistant Professor of Agricultural Engineering**, same, 1908-10; **Professor of Agricultural Engineering**, same, 1910-12; **Assistant Professor of Mechanical Engineering**, same, 1912-15; **Professor of Mechanical Engineering**, same, 1915-26; **Acting Dean of the School of Mechanic Arts and Professor of Mechanical Engineering**, same, 1926-28. **Member**: Theta Chi; Acacia; President, North Dakota Academy of Science, 1929—. 33° Scottish Rite, So. Jur. Biography in *Who's Who in Engineering*, 1925. **Born** near Portland, No. Dak., July 26, 1883; father, pioneer farmer near Hatton, N. Dak., came from Voss about 1876; mother, Ragnild (Nestos) D., also from Voss; second cousin of Hon. R. A. Nestos, former Governor of North Dakota; brother, N. O. Dolve, is a practis-



ing attorney at Fessenden, N. Dak.; sister, Mary A. Dolve, M.A., has been Extension Nutrition Specialist at South Dakota State College of Agriculture and Mechanic Arts since 1923.

**DYBVIG, HENRY G.**, B.S., South Dakota State College, 1925. **Instructor in Electrical Engineering, South Dakota State College of Agriculture and Mechanic Arts, Brookings, S. Dak., 1925-26;** Junior Assistant Examiner, U. S. Patent Office, Washington, D. C., 1926-27; Assistant Examiner, same, 1927-28; Patent Attorney, General Motors Corporation, Dayton, Ohio, 1928—. **Inventor. Member, Dayton Engineers Club. Born at Colton, S. Dak., 1890; father came from Stord, Søndhordland; mother, from Questad, Ullensvang, Hardanger.**

**DYRNESS, ENOCK C.**, A.B., Wheaton (Ill.) College, 1923; A.M., University of Chicago, 1924. **Associate Professor of Education, Assistant Dean of Men, and Registrar, Wheaton College, Wheaton, Ill., 1928—.** Assistant Professor of Education and Principal of the Practice School, Wheaton College, 1924-25; Assistant Professor of Education, Principal of the Practice School, and Assistant Dean of Men, same, 1925-27; Associate Professor of Education and Assistant Dean of Men, same, 1927-28; also Director of Wheaton College Summer School, 1928—. **Author, "Aspects of Specialized Social Agencies," thesis for M. A. Biography in Private Schools, 1927-28; Who's Who in American Education, 1930. Born in Chicago, Ill., Sept. 23, 1902; lived at Høvik and Oslo two and one-half years, about 1910; father, Rev. Christen Dyrness, pastor in Chicago about 40 years, editor of *Evangelisten*, 1904-06, and Secretary and Chairman of the Scandinavian Alliance Mission of North America, was born in Fjelberg, Søndhordland; mother (née Ericson), born in Oslo.**

**DYSLAND, HENRY THEODORE**, Student, George Washington University; Atelier Donn Barber, New York. **Assistant Professor**

**of Architecture, State College of Washington, Pullman, Wash., 1912-15. Instructor in Architecture, State College of Washington, 1911-12; Assistant Professor of Architecture, Texas Agricultural and Mechanical College, 1916-17; Instructor in Drawing and Descriptive Geometry, University of Wisconsin, 1919-20; now practising architect, Madison, Wis. Born in the United States; father came from Näs, Romerike; uncle, the late Julius A. Dysland, was a bridge builder at Fort Howard, Wis.; cousin, John A. Dysland, held a position in the U. S. Treasury Department, Washington, D. C., for many years.**

**EDWARDS, BENJAMIN**, Mus.B., Wolcott Conservatory of Music; Student, Mar de Mar School of Music; St. Olaf College; Denver Conservatory; Pupil of Yeatman Griffith, New York, Summer 1924. **Instructor in Music, San Jose State Teachers College, San Jose, Calif., 1926—.** Head of the Voice and Piano Departments, Eugene Bible University, 2 years; Teacher of Voice and Piano, Pacific Conservatory, College of the Pacific, Stockton, Calif., 1925-26. Concert Bass Baritone; has given more than 200 concerts in the States of New York, Illinois, Missouri, Iowa, South Dakota, Minnesota, North Dakota, and Wisconsin. Winner of Gold Medal, representing highest excellence in Voice, Denver, Colo., 1922. Composer of more than 50 pieces for voice, piano, and choir. **Born in the United States; father, Rev. O. J. Edwards, Pastor in North Dakota, Minnesota, South Dakota, and Washington since 1897, was born at Hemnes, Helgeland; mother came from Oslo.**

**EGDAHL, ANFIN**, B.S., University of Wisconsin, 1900; M.D., Johns Hopkins University, 1904. **Assistant Professor of Pathology and Bacteriology, University of Iowa, Iowa City, Iowa, 1904-08; Physician, Menomonie, Wis., 1908-18; Captain, Medical Corps, U. S. Army, 1918-19; Physician, Rockford, Ill., 1919-21; Professor of**

Preventive Medicine, University of North Dakota, and Director of Public Health Laboratories, State of North Dakota, 1922-23; in General Practice of Medicine, Rockford, Ill., 1924 to date. **Author** of various articles in medical journals. **Member:** American Medical Association; Trustee, Municipal Tuberculosis Sanitarium; President, Winnebago County Tuberculosis Association. Lieutenant-Colonel, Medical Officers Reserve Corps. **Biography** in *Who's Who in American Medicine*, 1925; *Johns Hopkins Half-Century Directory*, 1926. **Born** at Menomonie, Wis., 1875; father came from Ögdahl, Soknedalen, near Trondheim, in 1868.

**EGDAHL, CLARENCE O.**, Ph.B., Ripon College, 1919. **Instructor** in Engineering, University of Akron, Akron, Ohio, 1919-20. Road Engineer, International Harvester Company, Springfield, Mo., 1922.

**EGGE, ALBERT ERIKSON**, A.B., Luther College, 1879; A.M., *ibid.*, 1884; Ph.D., Johns Hopkins University, 1887. **Professor** and **Head** of the Department of English Language and Literature, State College of Washington, Pullman, Wash., 1896-1910. Teacher, St. Olaf College, 1881-82; Fellow, Johns Hopkins University, 1885-86; Fellow by Courtesy, same, 1886-87; **Instructor** in English, German, and History, St. Olaf College, 1887-92; **Instructor** in English, State University of Iowa, 1892-96; **Professor** and **Head** of the Department of Scandinavian Languages and Literatures, State College of Washington, 1910-18; **Professor** of English, Willamette University, 1918-19. **Author:** *A History of the English Language* (unpublished). " \* \* \* a man of learning and ability." *Chicago News Record*. Widely known philologist; authority on the English language. **Biography** in Nelson's *History of the Scandinavians and Successful Scandinavians*, Vol. 2, Minneapolis, 1897; *School Calendar*, 1924; *Johns Hopkins Half-Century Directory*, 1926. **Born** near Conover, Iowa, Feb. 12, 1857; died

1919; parents came from Melby, Östre Slidre, Valdres, in 1850; sister, the late Mrs. L. J. Markhus, served as Teacher of English and History, and Matron, Lutheran Ladies Seminary, Red Wing, Minn., 1894-97, 1899-1900, and 1903-05, translated Friis' *Lajla* into English, and was a regular contributor to *Decorah-Posten* and *For Kvinden*.

**EGGERS, AUGUST, B.A.; M.D.**, University of Oslo, 1889. **Lecturer** and **Instructor** in Physical Diagnosis, University of North Dakota School of Medicine, Grand Forks, N. Dak., 1904 to date. **Physician** and **Surgeon**, Grand Forks, N. Dak., since 1891; **Member** of Staff, Deaconess Hospital, Grand Forks. Fellow, American College of Surgeons. Donor of 3,000 volumes to the University of North Dakota Library. **Biography** in *American College of Surgeons* (Yearbooks). **Born** at Borrestad, near Porsgrund.

**EGILSRUD, JOHAN STOR-JOHANN, B.S.**, in Music, University of Minnesota; M.A. in Comparative Literature, University of Minnesota. **Instructor** in History of Music, University of Minnesota, Minneapolis, Minn., 1929—. **Assistant** in History of Music and Piano, University of Minnesota, 1927-29. **Author:** *Dikte*, volume of poetry, Augsburg Publishing House, Minneapolis, 1926; "Compositions of Donald Ferguson," *Northwest Musical Herald*, May 1928; several poems in *Norden*, magazine of Chicago; paper on "Pascal" read before the Philosophy Club, University of Minnesota. Address on "Ibsen's Lyrics" delivered before the Twin City Music Club at the Ibsen Centenary, 1928. **Music Critic** for *Minnesota Daily*, 1927-28. **Composer** of several songs and piano pieces. **Member:** Minnesota Music Teachers' Association; Phi Mu Alpha, music fraternity; Alpha Sigma Pi, honorary senior education fraternity. **Born** at Tromsø, July 16, 1898.

**EIESLAND, JOHN ARNDT**, Graduate, Normal School, Christiansand, 1884; Absolved Middel



Skole Examination, 1885; Student, University of South Dakota, 1889-91; Ph.B., *ibid.*, 1891; Student, Johns Hopkins University, 1892-95; Johns Hopkins Scholar, *ibid.*, 1897-98; Ph.D., Johns Hopkins University, 1898. Professor and Head of the Department of Mathematics, West Virginia University, Morgantown, W. Va., 1907 to date. Teacher in Public Schools, Norway, 1885-86; Teacher, Luther Academy, Albert Lea, Minn., 1891-92; Professor of Mathematics, Thiel College, 1895-1903; Instructor in Mathematics, United States Naval Academy, Annapolis, Md., 1903-07. **Author:** *On a certain class of functions with line-singularities* (thesis for Ph.D.), pub. by Johns Hopkins University, printed by Chemical Publishing Co., Easton, Pa., 1899; *Advanced Algebra for Technical Schools and Colleges*, 1910; "Note on a system of differential equations in kinematics," *American Journal of Mathematics*, Vol. 20, 1898; "Null-systems in space of five dimensions and their relation to ordinary space," *ibid.*, Vol. 26, 1904; "On the integration of a system of differential equations in kinematics," *ibid.*, Vol. 27, 1905; "On a certain class of algebraic translation surfaces," *ibid.*, Vol. 29, 1907; "Translation surfaces connected with a unicursal quartic," *ibid.*, Vol. 30, 1908; "A certain class of cubic surfaces with curves of the same species," *ibid.*, Vol. 33, 1911; "A flat-spread-sphere geometry in odd-dimensional space," *ibid.*, Vol. 35, 1913; "Flat-sphere geometry," *ibid.*, Vol. 40, 1918; "A certain system of conjugate lines on a surface connected with Euler's transformation," *Transactions of the American Mathematical Society*, Vol. 6, 1905; "On minimal lines and congruences in 4-dimensional space," *ibid.*, Vol. 12, 1911; "The group of motions in an Einstein space," *ibid.*, Vol. 27, 1925; "On the algebraic curves of a Tetrahedral Complex and the surfaces conjugate to it," *Rendiconti Del Circolo Matematico Di Palermo*, Vol. 36, 1913; "On a certain class of ruled spreads in  $n$ -space. The  $V_4^*$  in  $S_6$ ," *ibid.* (to be published); "Flat-sphere geometry. Third paper," *Tohoku Mathematical Journal*, Vol. 16, 1919; "Flat-sphere geometry.

Fourth paper," *ibid.*, Vol. 17, 1920; "On some current mistakes in the Line-sphere geometry," *ibid.* (to be published); "Quadratic flat-complexes in odd-dimensional space and their singular spreads; flat-sphere transformation," *Proceedings of the International Mathematical Congress, Toronto, 1924*, Vol. II; "The longitudinal vibrations of an elastic pendulum," *Proceedings of the West Virginia Academy of Sciences*, Vol. 1, 1928; "Grassmann's Projective Geometry. A Review," *Bulletin of the American Mathematical Society*, 1929. **Member:** American Mathematical Society; Mathematical Association of America; Phi Beta Kappa; Circolo Matematico Di Palermo (Italy); Deutsche Mathematiker Vereinigung; Fellow, American Association for the Advancement of Science; Secretary, West Virginia Academy of Sciences, 1905-06; President, same, 1906-07 and 1926-27. Member, International Mathematical Congress, Toronto, 1924. **Biography** in *Who's Who in America*; *Who's Who in Science—International*, London, 1914; J. C. Poggendorf's *Biographisch Literarisches Handwörterbuch*, Leipzig and Berlin, 1925; *American Men of Science*, 1906, 1910, 1921, 1927 (classed as one of the 80 leading American mathematicians since 1910). **Born** at Ny Hellesund, near Christiansand S., Jan. 27, 1867; came to the United States in 1888.

**EKERN, EMIL ALFRED**, B.S., in E.E., University of Wisconsin, 1903; M.M.E., Cornell University, 1904. **Instructor in Civil Engineering**, Cornell University, Ithaca, N. Y., 1905-06. Fellow in Electrical Engineering, Cornell University, 1903-04; Electrical Engineer. **Born** in the United States; parents came from Biri, Gudbrandsdalen; cousin, Dr. Andrew Ekern, was Lecturer in the University of North Dakota School of Medicine, 1909-13, now Physician of San Diego, Calif.; brother of Hon. Herman L. Ekern, Speaker of the House of Representatives, Wisconsin, 1907, Commissioner of Insurance, State of Wisconsin, 1911-15, Attorney-General of Wisconsin,



1923-27, given the second largest vote for Candidate for Vice-President of the United States at the Republican National Convention, Kansas City, 1928 (see *Who's Who in America*).

**ELIASSEN, REUBEN H., A.B.,** St. Olaf College, 1921; A.M., Columbia University, 1925. **Professor** of Secondary Education, Birmingham-Southern College, Birmingham, Ala., 1925 to date; also Director of Teachers Training, Freshmen Intelligence Testing, Extension Work, and Appointment Bureau, same. **Author:** "Exploration in the Field of Critical Thinking," *Alabama School Journal*, 1927; "Intelligence Testing at Birmingham-Southern College," *Birmingham-Southern College Bulletin*, Vol. 20, No. 3, June 1927. **Member:** National Education Association; Phi Delta Kappa (national education fraternity); Kappa Phi Kappa (professional national educational fraternity); Alpha Tau Omega (national social fraternity). **Born** at Aneta, N. Dak.; paternal grandparents (Vake and Dynes) came from Ölen and Fjelberg, Söndhordland; maternal grandparents, from Sogn; father, the late Rev. Henry Eliassen, served as pastor at Cooperstown and Aneta, N. Dak., 1892-1912; brother, Evan M. Eliassen, has been Supt. of Schools at Spring Grove, Minn., for many years, and was the winner of State Oratorical Contest in the Norwegian language with an oration on "Slaget paa Stiklestad;" distant relative of John Koren (q. v.).

**ELLESTAD, REUBEN BENJAMIN, B.S., M.S.** Instructor in Chemistry, Tufts College, Tufts College, Mass., 1928—.

**ELLINGSON, ANITA MARIE,** R.N. Instructor in Materia Medica and Therapeutics, University of Illinois College of Dentistry, Chicago, Ill., 1923 to date.

**ELLINGSON, EMIL OSCAR,** B.S., St. Olaf College, 1906; A.M., University of Wisconsin, 1910; Ph.D., *ibid.*, 1912. **Instructor** in

**Chemistry, University of Wisconsin, Madison, Wis., 1909-19.** Instructor in Chemistry, St. Olaf College, 1906-09; Professor and Head of the Department of Chemistry, St. Olaf College, 1919 to date. **Author:** "On Abietic Acid and Some of its Salts," *Journal of American Chemical Society*, 1914; "Heat of Neutralization of Hydroxylamine," *ibid.*, 1915; also other articles in scientific journals. **Member:** American Chemical Society; Treasurer, Wisconsin Section, American Chemical Society, 1917-19; Sigma Xi; Gamma Alpha. **Biography in** *American Men of Science*, 1921, 1927; *School Calendar*, 1924. **Born** at Nicolle, Minn., Oct. 14, 1877; father, pioneer in Nicollet County, Minn., came to the United States from Stiksrud, Ringerike, at the age of 11 years; mother (née Lökensgard) came from Hallingdal at the age of 6.

**ELLINGSON, OLAF JOHN SVERDROP, C.E.,** University of Texas, 1906. **Instructor** in Drawing, University of Texas, Austin, Tex., 1907-09.

**ELSTAD, LEONARD B., B.A.,** St. Olaf College, 1922; M.A., Gallaudet College, 1923. **Instructor** in English and History, Gallaudet College, Washington, D. C., 1923-25. **Fellow,** Department of Normal Training, Speech, and Speech-Reading, Gallaudet College, 1922-23; now Principal, Wright Oral School, New York City, one of the 3 pioneer private schools for the deaf in the United States. **Born** in America.

**ELVEHJEM, CONRAD ARNOLD, B.S.,** University of Wisconsin, 1923; M.S., *ibid.*, 1924; Ph.D., *ibid.*, 1927. **Instructor** in Agricultural Chemistry, University of Wisconsin, Madison, Wis., 1925 to date. **Assistant** in Agricultural Chemistry, University of Wisconsin, 1923-25. **Author:** "Nutritional Anemia on Whole Milk Diet and the Utilization of Inorganic Iron in Hemoglobin Building" (with E. B. Hart, H. Steenbock, and J. Waddell), *Journal of Biological*

*Chemistry*, Vol. 65, 1925; "Quantitative Methods for the Determination of Iron in Biological Materials" (with E. B. Hart), *ibid.*, Vol. 67, 1926; "The Effects of Diet on the Iron Content of Milk" (with E. B. Hart and R. C. Herrin), *ibid.*, Vol. 71, 1927; "The Iron Content of Animal Tissues" (with W. H. Peterson), *ibid.*, Vol. 74, 1927; "Coffee as a Supplement to Iron for Hemoglobin Building in the Rat" (with E. B. Hart, H. Steenbock, and J. Waddell), *ibid.*, Vol. 77, 1928; "The Iron Content of Plant and Animal Foods" (with W. H. Peterson), *ibid.*, Vol. 78, 1928; "The Determination of Coffee in Biological Materials" (with C. W. Lindaw), *ibid.*, Vol. 81, 1929; "Nutritional Anemia on Whole Milk Diet and Its Correction with the Ash of Certain Plant and Animal Tissues or with Soluble Iron Salts" (with E. B. Hart, J. Waddell, and H. Steenbock); also many other research papers dealing with the factors in our diet effecting the cure or prevention of Anemia. **Member:** American Association for the Advancement of Science; Sigma Xi; Phi Sigma; Phi Lambda Upsilon; Alpha Zeta. Born at McFarland, Wis., May 27, 1901; parents came from Sogn.

**ELVIKEN, ANDREAS**, Cand. Mag., University of Oslo, 1921; University Fellow, Columbia University, 1926-27; Ph.D., University of Berlin, 1929. **Professor of History**, Temple University, Philadelphia, Pa., 1929—. Teacher of Norwegian, St. Olaf College, 1922-24; Instructor in Modern European and English History, West Virginia University, 1924-26; Fellow in History, Columbia University, 1926-27; Instructor in History, Columbia University, 1927-28; Study in Germany, 1928-29. **Author:** *Die Entwicklung des norwegischen Nationalismus* (doctoral dissertation), Emil Ebering, Berlin, 1930 (a book which has been widely reviewed); "The Genesis of Norwegian Nationalism," *Journal of Modern History* (the leading journal in its field in this country), Sept. 1931. **Member:**

American Historical Association; American Association of University Professors. Born in Norderhov, Ringerike, April 1, 1898.

**ENGER, ARTHUR LUDWIG**, B.S., University of Illinois, 1911; C.E., *ibid.*, 1916. **Assistant Professor of Irrigation Engineering**, and **Assistant Irrigation Engineer**, Agricultural Experiment Station, University of Arizona, Tucson, Ariz., 1912-17. Instructor in Highway Engineering, Polytechnic Institute of Brooklyn, 1911-12; Captain of Engineers, U. S. Army, 1917-19; Structural Engineer, Sheehan-North Company, El Paso, Tex., 1919-20; Structural Engineer, Bargebaugh & Whitson, El Paso, Tex., 1920-22; Practising Architect, El Paso, Tex., 1922-23; Assistant Structural Engineer, Building Department, City of Los Angeles, Calif., 1923-24; Structural Engineer, Bridge Division, Engineering Department, City of Los Angeles, 1924-25; Bridge Architect, same, 1925-27. **Member:** Sigma Xi; Tau Beta Pi; Associate member, American Society of Civil Engineers. Biography in *Who's Who in Engineering*, 1925. Born in Decorah, Iowa, June 18, 1886; father, the late Hon. Lauritz M. Enger, sometime Member of the House of Representatives of Iowa, and later State Senator, came from Sigdal, near Drammen; mother's parents (Myran), also from Sigdal; brother of Prof. M. L. Enger (q. v.).

**ENGER, MELVIN LORENIUS**, B.S., in C.E., University of Illinois, 1906; C.E., *ibid.*, 1911; M.S., *ibid.*, 1916. **Professor of Mechanics and Hydraulics and Head of the Department of Theoretical and Applied Mechanics**, University of Illinois, Urbana, Ill., 1918 to date. Instructor in Theoretical and Applied Mechanics, University of Illinois, 1907-09; Associate, same, 1909-11; Assistant Professor, same, 1911-15; Assistant Professor of Mechanics and Hydraulics, same, 1915-17; Associate Professor of Mechanics and Hydraulics, same, 1917-18. **Author:** *The Resistance to Flow Through Locomotive Water*



*Columns* (with Arthur N. Talbot), University of Illinois Engineering Experiment Station Bull. 48, 1911; *Hydraulic Experiments with Valves, Orifices, Hose, Nozzles, and Orifice Buckets* (with others), U. of Ill. Engr. Exp. Sta. Bull. No. 105, 1918; also numerous articles in technical journals. **Member:** Society for the Promotion of Engineering Education; American Water Works Association; Illinois Society of Engineers; Sigma Xi; Tau Beta Pi; Honorary member: Triangle; Sigma Tau; Mu San. Final honors, University of Illinois. **Biography** in *University of Illinois Alumni Record*; *American Men of Science*, 1921, 1927. **Born** at Decorah, Iowa, May 5, 1881; brother of Prof. A. L. Enger (q. v.).

**ERICKSON, ERICK ALEXANDER**, B.A., University of Minnesota; 1st Lieutenant, Field Artillery, U. S. Army. **Assistant Professor of Military Science and Tactics**, University of Wisconsin, Madison, Wis., 1921-25. Officer, U. S. Army, now stationed at Honolulu, Hawaii. Winner of athletic honors. Member, Phi Delta Theta. **Born** in Seattle, Wash., 1891; father was born in Sweden; mother (née Torkelson) came from Christiansand S.

**ERICKSON, FRANK MORTON**, A.B., Wabash College, 1892; A.M., University of Chicago, 1895; Student, School of Archaeology, Athens, Greece, 1900; Austin Scholar, Graduate School, Harvard University, 1906-07; Add. Work, Leland Stanford, Jr., University, 1915. **Dean of the College of Liberal Arts and Professor of Education**, Willamette University, Salem, Ore., 1925 to date. Teacher of Greek and Latin, Highland University, Kans., 1892-94; Fellow in Greek, University of Chicago, 1894-95; Acting Professor of Greek Language and Literature, Ripon College, 1895-96; Wilcox Professor of Greek, and Director of the Gymnasium, same, 1896-1902; Wilcox Professor of Greek, and Secretary and Registrar, same, 1902-09; Dean of the College, and Wilcox Professor of Classics, same, 1909-14;

Professor of Education, University of Idaho, 1915-20; Professor of Education, Willamette University, since 1920; Member of Instructional Staff, A. E. F. University, Beaune, France, 1919. **Author** of various contributions to educational journals. **Member:** American Association of University Professors; Society of College Teachers of Education; American Association for the Advancement of Science; Sigma Chi; former member: Wisconsin Historical Society; Wisconsin Academy of Science, Arts and Letters. **Biography** in *Who's Who in America*, since 1910-11 ed.; *Who's Who in Oregon*, 1929-30; *Who's Who in American Education*, 1930. **Born** at Kendallville, Ind., Sept. 21, 1870; paternal ancestors came from Norway about 1837; son, Frank Morton Erickson, Jr., was graduated from the Advanced Flying School of the Army, Kelly Field, San Antonio, Tex., 1929; daughter, Mary Erickson, took her M.A. in Zoology at University of California in 1929; son, Herbert Erickson, is a graduate student at Stanford University.

**ERICKSON, J. EDWARD**, A.B. St. Olaf College, 1910; A.M., University of Chicago, 1912; Student, University of Paris, 1919-20; University of Strasbourg, 1920-21; Columbia University, 1921-22. **Acting Professor of Sociology**, University of the City of Toledo, Toledo, Ohio, 1925 to date. Member of faculty, Concordia College, Moorhead, Minn., 1910-11; University of North Dakota, 1913; Professor of Economics, Sociology, and History, and Dean of Men, Bellevue College, Bellevue, Neb., 1914-17; Captain, American Red Cross, in charge of refugee work in the Department of Maine et Loire, and hospital representative at Base Hospital 101, St. Nazaire, France, 1918-19; Acting Professor of Sociology and Economics, Franklin (Ind.) College, 1922-23; in social service work, New York City, 1924, and Jersey City, N. J., 1924-25. **Member:** American Sociological Society; American Association of University Professors. **Biography** in *Directory of Lutheran Teachers*, Springfield, Ohio, 1927. **Born** in

Moorhead, Minn.; parents came from Kongsberg.

**ERICKSON, MARTINA CELIA**, Graduate, State Normal School, Winona, Minn.; Student, University of Chicago. **Instructor in Physics, Astronomy, and Mathematics**, Milwaukee-Downer College, Milwaukee, Wis., 1904-05 (and probably before). Formerly Teacher in and Principal of High Schools in Wisconsin, Minnesota, and Iowa; Dean of Women, Indiana State Normal School, Terre Haute, Ind., 1905-10; Principal of Monticello Seminary, Godfrey, Ill., 1910-17; also member of Board of Trustees, and member of the Prudential Committee, Monticello Seminary. **Author** of various articles in educational journals. Biography in *Woman's Who's Who of America*, 1914. **Born** in Norway; mother née Huse (Levind).

**ERICKSON, MATHIAS B.**, B.S., North Dakota Agricultural College, 1909. **Associate Professor of Mechanical Engineering**, North Dakota Agricultural College, Fargo, N. Dak., 1924 to date. **Instructor in Steam Engineering**, North Dakota Agricultural College, 1910-13; **Assistant Professor of Mechanical Engineering**, same, 1913-24. **Born** in Öier, Gudbrandsdalen; brother, Hon. John Bagstad, has been Probate Judge of Traill County (Hillsboro), N. Dak., since 1911.

**ERICKSON, SIDNEY**, Graduate, Coast Artillery School, Fort Monroe, Va., 1909; Infantry School, Fort Benning, Ga., 1926; Command and General Staff School, Fort Leavenworth, Kans., 1927; Major, 4th Infantry, U. S. Army. **Professor and Head of the Department of Military Science and Tactics**, University of Nebraska, Lincoln, Neb., 1922-25. **Associate Professor of Military Science and Tactics**, University of Nebraska, 1921-22; also Commandant of Cadets, same, 1922-25; now Commanding Officer, Fort George Wright, Wash. **Author** of various articles on military subjects. **Lecturer** before Re-

serve Units, Reserve Officers' Training Corps Units, National Guard and Civic bodies. **Biography** in *Army Register*. **Born** at Lakefield, Minn., July 28, 1885; father came from Kragerö; mother, from Oslo.

**ERIKSEN, SIVERT, D.V.M.**, Kansas State Agricultural College, 1920. **Instructor in Animal Pathology**, Kansas State Agricultural College, Manhattan, Kans., 1920-21; **Assistant Professor of Animal Pathology**, same, 1921; **Associate in Animal Pathology**, University of Illinois, 1921-22; **Pathologist**, Missouri State Poultry Experiment Station, 1922-26. **Author**: "Blackheads in Chicks," *Poultry Science*, Vol. IV, 1926; "The Use of Potassium Permanganate in the Drinking Water for Poultry," *Journal of the American Veterinary Medical Association*, Vol. LXVII, 1925; "Neoarsphenamine as a Remedy against Blackheads in Turkeys and Coccidiosis in Chickens," *ibid.*; also numerous papers read and lectures delivered before various professional associations. **Inventor** of contrivances for the cleansing of the nasal passages of poultry and dogs. **Member**, American Veterinary Medical Association; former member; American Bacteriological Association; Poultry Science Association. **Born** near Stavanger, 1892.

**ERIKSON, FRANCES MARGUERITE**, B.S., Michigan Agricultural College, 1915; M.A., Columbia University, 1924. **Instructor in Home Economics Extension**, Pennsylvania State College, State College, Pa., 1923 to date. Formerly Assistant in Home Economics Extension, Pennsylvania State College, for many years. **Tour of Norway and Sweden**, 1928. **Born** in Big Rapids, Mich.; father came from Värmland, Sweden; mother, from Oslo.

**ERIKSON, HENRY ANTON**, B.E.E., University of Minnesota, 1896; Ph.D., University of Minnesota, 1908; Graduate Student, Cambridge University, 1908-09. **Professor of Physics and Chairman of**



the Department of Physics, University of Minnesota, Minneapolis, Minn., 1915 to date. Teacher of Science, Rochester (Minn.) High School, 1896-97; Instructor in Physics, University of Minnesota, 1897-1906; Assistant Professor of Physics, University of Minnesota, 1906-14; Associate Professor of Physics, same, 1914-15. **Author:** *Manual of Physical Measurements*, McGraw-Hill Book Company, New York, 1902, 5th ed. 1923; *Elements of Mechanics*, McGraw-Hill Book Company, 1924, 2nd ed. 1927; also many scientific papers in *Physical Review*, *Philosophical Magazine*, and other journals. **Member:** American Physical Society; Sigma Xi; Tau Beta Pi; Theta Chi; Fellow, American Association for the Advancement of Science. **Biography in Dictionary of the University of Minnesota**, 1908; *Who's Who in America*; *Who's Who Among North American Authors*; *American Men of Science* (classed as one of the leading American physicists). **Born** at Mt. Morris, Minn., July 30, 1869; parents came from Meraker, near Trondheim.

**ERIKSON, MARGARETA**, A.B., Radcliffe College, 1926. **Instructor, American College, Sofia, Bulgaria, 1926-29.** **Born** at Yalesville, Conn., May 27, 1903; father was born in Sweden; mother's father, N. N. Skulstad, came from the vicinity of Oslo.

**ESTREM, ANDREW O.**, A.B., Luther College, 1886; A.M., Cornell University, 1889; Ph.D., Cornell University, 1892. **Professor and Head of the Department of History, Olivet College, Olivet, Mich., 1920-24.** **Instructor in History and Latin, Luther College, 1889-90;** **Professor of English Language and Literature, Wartburg College, Clinton, Iowa, 1894-1910;** **Professor of English, Lutheran Ladies Seminary, Red Wing, Minn., 1910-17;** **Supt. of Schools, Portal, N. Dak., 1918-20;** **Professor of English, State Teachers College, Morehead, Ky., 1926 to date.** **Author:** *Statesmanship of William H. Seward as Seen in His Course Prior to 1861*, thesis for Ph.D., 1892; sketch of

Luther College in Nelson's *History of the Scandinavians and Successful Scandinavians*, Vol. 2, Minneapolis, 1897; "A Norwegian-American College," *Midland Monthly* (Des Moines, Iowa), May 1893; "At the Summer School" (of the University of Wisconsin), *Allen's Magazine* (Red Wing, Minn.), 1916. **Biography in Nelson's History of the Scandinavians and Successful Scandinavians, Vol. 2, Minneapolis, 1897; *School Calendar*, 1924. **Born** near Cresco, Iowa, March 6, 1864; parents came from the vicinity of Haugesund in 1855.**

**EVJEN, JOHN OLUF**, B.A., Augsburg Seminary, Minneapolis, Minn., 1895; Graduate, Theological Department, Augsburg Seminary, 1898; Ph.D., University of Leipzig, 1903; Th.D., Carthage College, 1928. **President of the State Teachers College, Mayville, N. Dak., 1919-23.** **Teacher, Public Schools, North Dakota;** **Teacher, Parochial Schools, Wisconsin, Minnesota, and Michigan;** **Acting Professor of Church History, United Church Theological Seminary, St. Paul, Minn., 1903-05;** **Amanda Rupert Strong Professor of Biblical History, Gettysburg College, 1905-09;** **Professor of Theology, Augsburg Seminary, Minneapolis, Minn., 1909-19;** **Professor of History and Modern Languages, Carthage College, 1923-24;** **Professor of Church History, Hamma Divinity School, Wittenberg College, 1924-30;** **Professor of History and Philosophy, Carthage College, 1930—.** **Author:** *Die Staatsumwälzung in Dänemark im Jahr 1660* (thesis for Ph.D.), 186 pp., E. Glausch, Leipzig, 1903; *Scandinavia and the Book of Concord*, 1905; *Christian Worship*, 1909; *En Boganmeldelse*, 1910; *Et Kapitel fra Symbolforpligtelsens Historie*, 1911; *Lutheran Germany and the Book of Concord*, Free Church Book Concern, Minneapolis, 1911; *Veiledning i den Lutherske Frikirkens Principer*, 1914; *Scandinavian Immigrants in New York, 1630-1674*, K. C. Holter Pub. Co., Minneapolis, 1916; *Luther and the Reformation*, 1916; *Naadegaerne og Embedet*, 1920; *The Teachers College: Its Place in the Educa-*

tional System, 1920; *The Berkenmeyer Library—A Two Hundred Year Old Library Found at Wittenberg College*, 1925; *Some Aspects of the Work and Requirements of a Graduate School of Theology*, 1926; *Luther's Views Concerning Church Policy*, 1926; *Philosophy and Education*, 1928; *The Benediction: A Blessing or a Prayer?*, 1928; *The Ministry and Ordination*, 1929; *Amt, Gemeinde und Gnadengabe*, in *Festschrift für Professor Franz Rendtorff*, Leipzig, 1930; also numerous articles in church papers and educational journals. Contributor to *Danske i Amerika*, Minneapolis; *New Schaff-Herzog Encyclopedia of Religious Knowledge*, New York; *Herzog-Haucks Realencyclopädie für Protestantische Theologie und Kirche*, Leipzig; Dr. Ruoff's *Volume Library*, Chicago. **Member:** American Historical Association; American Society of Church History; Modern Language Association of America; National Education Association; Kappa Phi Kappa; The Literary Club; The Torch Club; American-Scandinavian Foundation; Gesellschaft für Kirchengeschichte; Société Académique d'Histoire Internationale; Deutsche Philosophische Gesellschaft; American Member, Der Internationale Ausschuss of The General Evangelical Lutheran Conference (Headquarters in Dresden); invited by Prof. (Bishop) Ihmels, of the University of Leipzig, to speak as the representative of the Lutherans of the United States at the Conference held on the occasion of the 400th anniversary of the Augsburg Confession, Augsburg, Germany, Sept. 24, 1930. **Biography** in *Who's Who in America*, since 1910-11 ed.; *Who's Who and Why in After-War Education*, 1921; *School Calendar*, 1924; *Revue Internationale*, 1926; *Who's Who Among Pastors*, 1928; *New Schaff-Herzog Encyclopedia of Religious Knowledge*. Born at Ishpeming, Mich., Dec. 13, 1874; parents, John and Anne (Kleven) E., came from Örkedalen, near Trondheim.

**FALNES, OSCAR JULIUS**, B.A., St. Olaf College, 1921; M.A., Stanford University, 1922. **Instructor in History**, New York University, New York, N. Y., 1927 to date. Instructor in History and Economics, Bethany College, Lindsborg, Kans., 1923-25; University Fellow in History, Columbia University, 1925-26; American-Scandinavian Foundation Traveling Fellow to Norway, 1926-27. **Author:** "British War-Time Propaganda in Denmark and Norway," monograph, thesis for M. A.; "Nationalism and Romanticism in Norwegian Scholarship 1830-1865" (in preparation); "The Place of the Social Sciences in the Liberal Arts Curriculum," paper presented to the College Division, Kansas State Teachers Association, Hays, Kans., Oct. 17, 1924. **Member**, American Historical Association. **Born** at Wood Lake, Minn., 1898; father came from Skudeneshavn, Karmøyen; mother's parents, from the vicinity of Hønefoss, Ringerike.

**FELLAND, GONARD ANDREAS**, A.B., St. Olaf College, 1923; A.M., Harvard University, 1925. **Instructor in English**, Indiana University, Bloomington, Ind., 1926-28. Born in Stoughton, Wis., Dec. 9, 1901; father's parents came from Mo, Övre Telemarken; mother's parents, from Roulund, Övre Telemarken; cousin of Thonny Genevieve Felland (q.v.).

**FELLAND, THONNY GENEVIEVE**, Diploma in Music, St. Olaf College, 1906; Pupil of Carlyle Scott, Minneapolis; Robert Teichmuller, Head of Royal Conservatory, Leipzig; Study in New York, 1928-29. **Head of the Piano Department**, Northland College, Ashland, Wis., 1912-15. Teacher of Piano, St. Olaf College, 1906-11; Teacher of Piano and Harmony; Waldorf College, Forest City, Iowa, 1911-12; Teacher of Piano and Harmony, Graceland College, 1915-16; Teacher of Piano, MacPhail School of Music, Minneapolis, 1916-17; Private Studio, Minneapolis, 1917-18; Private Studio, Northfield, Minn., 1924-28. **Mem-**



**ber:** Morning Music Club, Ashland, Wis.; Thursday Musicale, Minneapolis. **Biography** in *International Who's Who in Music*, New York, 1918; *School Calendar*, 1924. **Born** at Northfield, Minn.; paternal grandfather, pioneer farmer in the Koshkonong Settlement, Dane County, Wis., came from Mo, Övre Telemarken, in 1846; father, Prof. O. G. Felland, was Head of the Department of Greek, St. Olaf College, 1886-1910, Head of the Department of Semitic Languages, 1910-23, and Librarian of the College, 1891-1926 (possessor of a private library of 1700 volumes in Aramaic, Danish-Norwegian, English, French, German, Hebrew, Italian, Latin, Sanskrit, and other languages); cousin of Knut Reindahl, noted violin maker of Chicago and Madison, Wis., awarded Diploma of Merit, Columbian Exposition, Chicago, 1893, and Diploma and Medal, Paris Exposition, 1900 (see *Who's Who in America*, 1928-29); cousin of Kate Mork Twitchell (q.v.), and of Gonard Felland (q.v.).

**FIELD, ALBERT M.**, B.S., University of Wisconsin, 1916; M.S., *ibid.*, 1917; Work toward Ph.D. **Associate Professor of Agricultural Education**, University of Minnesota College of Agriculture, St. Paul, Minn., 1926 to date. Formerly Principal of Graded School; Principal of High School; Supt. of Schools; Teacher of Agriculture in High School; Teacher, High School, University of Wisconsin, Madison, Wis., 1915-17; Assistant Professor of Agricultural Education, University of Minnesota, 1917-26; Professor of Agriculture, Cornell University, Summer Session 1929. Member, Phi Delta Kappa. **Biography** in *Rus*, 1920. **Born** at Mt. Horeb, Wis.; parents came from Valdres.

**FIELD, OLIVER P.**, A.B., St. Olaf College, 1919; A.M., University of Minnesota, 1924; LL.B., Indiana University, 1927. **Associate Professor of Political Science**, University of Minnesota, Minneapolis, Minn., 1928—. Instructor in History, North Dakota Agricultural

College, 1923-24; Instructor in Political Science, Indiana University, 1924-25; Assistant Professor of Political Science, Indiana University, 1925-27; Sterling Fellow, Yale University Law School, 1927-28. **Author:** *State Government* (with Frank G. Bates), Harper & Brothers, New York, 1928; "The Vice-Presidency of the United States," 56 *American Law Review*; "Presentation of Bills to the Governor," 56 *American Law Review*; "The Doctrine of Political Questions in the Federal Courts," 8 *Minnesota Law Review*, 485, 58 *American Law Review*, 711; "Ex Post Facto in the Constitution," 20 *Michigan Law Review*, 315; "Privileges and Immunities of Legislators," 9 *Minnesota Law Review*, 442; "The Withdrawal of Public Utility Companies from Service," 35 *Yale Law Journal*, 169; "The Effect of an Unconstitutional Statute," 1 *Indiana Law Journal*, 1, 60 *American Law Review*, 232, 100 *Central Law Journal*, 145; "The Abandonment Sections of the Transportation Act of 1920," 2 *Indiana Law Journal*. **Editor:** *A Selection of Cases and Authorities on Constitutional Law*, in the National Case Book Series, Callaghan & Co., Chicago, 1930. **Member**, American Political Science Association. One of the university and college professors "of demonstrated capacity" to be awarded grants during 1929 by the Social Science Research Council to complete research projects. **Born** at Fergus Falls, Minn., Oct. 21, 1897; parents came from Telemarken and Odalen.

**FIELD, PETER**, B.S., University of Minnesota, 1896; M.S., *ibid.*, 1897; Ph.D., Cornell University, 1902. **Professor of Mathematics**, University of Michigan, Ann Arbor, Mich., 1919 to date. Fellow, Cornell University, 1898-99; Professor of Mathematics and Astronomy and Secretary of the Faculty, Carthage College, 1899-1903; Instructor in Mathematics, University of Michigan, 1903-07; Assistant Professor of Mathematics, University of Michigan, 1907-13; Associate Professor of Mathematics, same, 1913-19; Captain, later

Major, U. S. Army, 1917-19; now Lieutenant-Colonel, Ordnance Reserve Corps, U. S. Army. **Author:** *Introduction to Analytical Mechanics* (with A. Ziwet), Macmillan Company, New York; *Projective Geometry with Applications to Engineering*, Van Nostrand & Company, New York, 1923; also numerous articles in *American Journal of Mathematics*, *Physical Review*, *Transactions of American Mathematical Society*, *Coast Artillery Journal*, *Mathematische Annalen*, and *Zeitschrift für Mathematik & Physik*. **Member:** American Mathematical Society; American Association for the Advancement of Science. **Biography** in *American Men of Science*, 1906, 1910, 1921, 1927. **Born** in Mitchell County, Iowa, Sept. 1, 1876; parents came from Stavanger; wife is a sister of Mrs. John E. Granrud (see Dr. John E. Granrud).

**FINDAHL, MARTHA ELIZABETH**, Pupil of Karleton Hackett, American Conservatory, Chicago. **Professor of Voice, University of Oregon, Eugene, Ore., 1919-20;** Teacher of Voice, Augustana College, Sioux Falls, S. Dak., 1921—. Listed in *The Musical Blue Book of America*, 1921-22.

**FINDAHL, N. T.**, Captain U. S. Army. **Professor of Military Science and Tactics, Culver Military Academy, Culver, Ind., 1919-21.** Senior Instructor, Officers Training Schools, Fort Snelling and Fort Sheridan, 1917-19. **Born** in the United States; father, Rev. Christian Findahl, pastor in South Dakota since 1911, was born at Gausdal, near Hamar.

**FINNERUD, CLARK WYLIE**, B.S., University of Wisconsin, 1916; M.D., Rush Medical College, 1918. **Assistant Clinical Professor of Dermatology, Rush Medical College, University of Chicago, Chicago, Ill., 1926 to date.** Assistant in Dermatology and Syphilology, Rush Medical College, 1919-21; Associate in Dermatology and Syphilology, same, 1921-24; Clinical Instructor in Dermatology, Rush

Medical College, University of Chicago, 1924-26. **Dermatologist, Chicago, 1919 to date;** Attending Dermatologist, Cook County Hospital; Assistant Attending Dermatologist, Presbyterian Hospital and Children's Memorial Hospital, Chicago. **Author:** *Histopathology of the Skin* (with Dr. MacLeod), text-book; assisted Dr. Oliver S. Ormsby in preparation of text-book, *Diseases of the Skin*, eds. of 1921 and 1927; contributor to *Abt's System of Pediatrics*, Vol. VIII, 1926 (text-book); also the following articles, the results of research work carried on in Europe, chiefly in Vienna, and in this country: "A Clinical, Histologic, and Bacteriologic Study of Multiple Benign Sarcoid of Boeck-Darier-Roussy," *Archives of Dermatology and Syphilology*, Vol. IV, 1921; "A Study of Urticaria Pigmentosa (Nodular Type) with a Summary of the Literature," *ibid.*, Vol. VIII, 1923; "Ossifying Sarcoma of the Skin Metastatic from Ossifying Sarcoma of the Humerus," *ibid.*, Vol. X, 1924; "Ulcus Vulvae Acutum," *ibid.*, Vol. XIII, 1926 (read before Section of Dermatology, American Medical Association, Atlantic City, N. J., May 1925, and published in *Transactions of American Medical Association*, Section of Dermatology and Syphilology, 1925); "Metastatic Basal Celled Epithelioma from the Skin," *Journal of American Medical Association*, Vol. LXXII, No. 10, p. 775; "Ein Beitrag zum Lupus Erythematodes der Mundschleimhaut," *Archiv. für Dermatologie und Syphilis*, 1925, No. 2, p. 318; "A Study of a Generalized Eruption caused by Microsporon Audouini — Lichen Microsporicus," *British Journal of Dermatology*, Feb. 1925, p. 66 (a summary of which was presented to The British Society of Dermatology, London, July 1924). **Member** of Committee on Scientific Exhibit, Section of Dermatology and Syphilology, American Medical Association; Vice-President, Chicago Dermatological Society, 1925. **Born** at Watertown, S. Dak.; father, Dr. H. M. Finnerud, physician of Watertown, S. Dak., and Member of the Board of Regents of Education, South Dakota, 1893-98, came from Kongsberg.



**FJELD, ERASTUS IMMANUEL**, B.S., University of Illinois, 1920; M.S., *ibid.*, 1922; C.P.A., State of Illinois, 1922. **Professor of Accounting, University of Colorado, Boulder, Colo., 1929—**. Private Secretary to Director of Experiment Station, South Dakota State College, 1913-16; Clerk, Department of War, Washington, D. C., Summer 1916; Clerk, Department of State, Summer 1917; Clerk and Secretary, American Legation, Oslo, Norway, 1917-19; Assistant Instructor in Accounting, University of Illinois, 1920-22; with Ernest Reckitt & Company, Certified Public Accountants, Chicago, 1922-23; member of firm of Fjeld & Kendrick, Public Accountants, Boulder, Colo., 1923—; Associate Professor of Accounting and Secretary of the School of Business Administration, University of Colorado, 1923-28; Associate Professor of Accounting and Acting Dean of the School of Business Administration, same, 1928-29. **Author:** "The Distribution of Burden in its Relation to Periods of Abnormal and Subnormal Production," thesis for M. S. degree, University of Illinois, 1922; also various papers read before the American Association of University Instructors in Accounting. **Member:** American Economic Association; American Association of University Instructors in Accounting; American Association of University Professors; Beta Alpha Psi; Delta Phi Omega; Theta Xi; Pi Gamma Mu; Treasurer, Rocky Mountain Climbers Club; Treasurer and Business Manager, Boulder Musical Society; Rotarian. **Biography in** *Accountants Directory and Who's Who*, 1925; *Who's Who in Education*, 1927. **Born** at Bottineau, N. Dak., April 28, 1892; paternal grandparents came from Hallingdal; maternal grandparents (Scheie), from Stavanger; father, the late Rev. Nils O. Fjeld, was a Pastor at Bottineau, N. Dak., 1891-96, and at Harvey, N. Dak., 1896-1900.

**FJELDE, OLAF STAVLING**, B.S., University of Minnesota, 1924. **Associate in Architecture,**

**University of Illinois, Urbana, Ill., 1928—**. Instructor in Architecture, University of Idaho, 1925-26; Fellow in Architecture, Harvard University, 1926-27; Instructor in Architecture, Carnegie Institute of Technology, 1927-28. **Member**, Delta Sigma Psi, University of Minnesota. Winner of First Prize, Boston Society of Architects' Prize, 1927. **Born** at Abercrombie, N. Dak.; father, the late Dr. Herman O. Fjelde, well-known Physician of Abercrombie and Fargo, N. Dak., was born in Aalesund (see *Nordmandsforbundet*, 1918, No. 6, pp. 321-327); mother born in Oslo; nephew of the late Jacob Fjelde, noted sculptor, and of Pauline Fjelde, well-known weaver of tapestries; cousin of Paul Fjelde (q.v.).

**FJELDE, PAUL**, Pupil of Lorado Taft; Student, Minneapolis School of Fine Arts; Art Department, State Normal School, Valley City, N. Dak.; Beaux Arts, New York; Art Students League, New York; Royal Academy, Copenhagen; Academie de la Grande Chammiere, Paris. **Acting Head of the Department of Sculpture, Carnegie Institute of Technology, Pittsburgh, Pa., 1928-29;** Pratt Institute, Brooklyn, N. Y., 1929—. American-Scandinavian Foundation Fellow, Europe, 1924-25. Sculptor; has exhibited in New York. Works include the Lincoln Monument, Oslo, Norway; Heg Monument, Lier, near Drammen, Madison, Wis., and Muskego, Wis.; numerous memorials, busts, reliefs, medals, figures, etc. **Born** in the United States; father came from Aalesund; mother from Copenhagen; sisters: Margarethe Fjelde, Teacher in the Public Schools of Brooklyn, N. Y.; Mrs. Katherine Fjelde Aune, formerly Head of the Piano Department, State Normal School, Valley City, N. Dak.; Astrid Fjelde, noted Dramatic Soprano (filling engagements at the German Opera, 1929); cousins: Gudrun Fjelde Hansen (q.v.); Olaf S. Fjelde (q.v.); aunts, Pauline and Thomane Fjelde, noted needle-

work artists; father, the late Jacob Fjelde, was a well-known sculptor, whose works include: "The Reading Woman," Minneapolis Public Library; Gettysburg Monument; Leif Erikson; Ole Bull Monument, Loring Park, Minneapolis; the Hiawatha and Minnehaha groups at Minnehaha Falls, Minneapolis; decorations for the first library of the University of Minnesota; also numerous figures and portrait busts, including a bust of Henrik Ibsen, for which the dramatist gave 12 sittings, copies of which are now found in the States of Minnesota, North Dakota, and Washington.

**FJELDSTAD, C. ALFORD**, A.B., Luther College, 1905; M.D., Rush Medical College, 1911. Assistant Professor of Ophthalmology and Otolaryngology, University of Minnesota, Minneapolis, Minn., 1929—. Formerly Instructor in Ophthalmology and Otolaryngology at the same university. Practicing Physician, Minneapolis. Biography in *School Calendar*, 1924.

**FLAGSTAD, CARL O.**, D.D.S., University of Minnesota, 1911. Professor of Orthodontia and Prosthetic Dentistry, University of Minnesota, Minneapolis, Minn., 1925 to date. Instructor in Prosthetic Dentistry, University of Minnesota, 1911-14; Assistant Professor of Prosthetic Dentistry, same, 1914-21; Associate Professor, 1921-25. President-elect, Minnesota State Dental Association, 1931-32.

**FLO, HANS**, B.S., Humboldt (Iowa) College, 1905. Head of the Commercial Department, Albany College, Albany, Ore., 1907-15. Principal of the Commercial Department, Scandinavia (Wis.) Academy, 1905-06; Way's Business College, Aberdeen, S. Dak., 1906-07; Head of Commercial Department, Pocatello (Ida.) High School, 1915-18; Manager, Discount Department, Federal Reserve Bank, Salt Lake City, Utah, 1918-28. Born at Stryn, Norway.

**FLOM, GEORGE TOBIAS**, B.L., University of Wisconsin, 1893; A.M., Vanderbilt University, 1894; Student, Universities of Copenhagen and Leipzig, 1898-99; Ph.D., Columbia University, 1899. Professor of Scandinavian Languages and English Philology, University of Illinois, Urbana, Ill. Scholastic Fellow in Germanics and English, Vanderbilt University, 1893-94; Teacher of German and Latin, High School, Prairie du Chien, Wis., 1895-96; Honorary Fellow in Germanics and English, University of Wisconsin, 1896-97; Fellow in Germanic Philology, Columbia University, 1897-98; as Graduate Student in these institutions studied especially Old Norse, Old English, Gothic, Old and Middle High German, Middle English, Old French, and Scandinavian Literature; Assistant in German and French, Vanderbilt University, 1899-1900; Instructor in Scandinavian Languages and Literatures, State University of Iowa, 1900-01; Assistant Professor of Scandinavian Languages and Literatures, same, 1901-02; Acting Professor, same, 1902-05; Professor of Scandinavian Languages and Literatures and Professor of English Philology, same, 1905-09; Assistant Professor of Scandinavian Languages and Literatures, University of Illinois, 1909-13; Associate Professor, same, 1913-19; Professor, same, 1919-27; Professor of Scandinavian Languages and English Philology, same, since 1927. Author: *Scandinavian Influence on Southern Lowland Scotch* (thesis for Ph.D.), Columbia University Press, 1900; *Chapters on Scandinavian Immigration to Iowa*, Iowa City, Iowa, 1906; *History of Scandinavian Study in American Universities*, published in the series *University of Iowa Studies*, Iowa City, 1907; *A History of Norwegian Immigration to America from the Beginning to 1848*, Iowa City, 1909; *The Phonology of the Dialect of Aurland*, published in the series *University of Illinois Studies*, Urbana, Ill., 1915; *Studies in Scandinavian Paleography*, Urbana, Ill., 1915-17; *The Language of the Konungs Skuggsjá, Part I, Nouns*



and *Adjectives*, published in the series *Illinois Studies in Language and Literature*, VII, 3, 1921; same, *Part II, Pronouns, Particles, Verbs*, in same series, IX, 3, 1923; *South Scandinavian Rock-Tracings*, Menasha, Wis., 1922; *Old English Grammar and Reader*, D. C. Heath & Co., New York, 1930; chapter on "Discovery and Immigration" in *Norwegian Immigrant Contributions to America's Making*, New York, 1921; "Norwegian Language and Literature in American Universities" (article of 26 pp.), *Studies and Records*, Vol. II, 1927; also about 200 other articles published in: *American Journal of Philology*, *Journal of English and Germanic Philology*, *Modern Language Notes*, *Publications of the Society for the Advancement of Scandinavian Study*, *Arkiv för nordisk filologi*, *Acta Philologica Scandinavica*, *Journal of American Folk Lore*, *Modern Philology*, *American Anthropologist*, *Maal og Minne* (Oslo), *Saga-Book of the Viking Club*, and other journals in the United States, Denmark, Norway, Sweden, England, and Holland; papers on subjects in Old Norse grammar, Eddic poetry, Norse elements in English, West Norwegian dialect studies, Runic studies, Paleography, and Lexicography read before the Modern Language Association, Linguistic Society of America, Society for the Advancement of Scandinavian Study, Philological Section of American Association for the Advancement of Science, etc. **Editor:** Björnson's *Synnöve Solbakken*, Chicago, 1905; a different edition in the new orthography, Minneapolis, 1918, 2nd ed., 1925; *Tegner's Frithjofs Saga*, Chicago, 1909; *American Facsimile Edition of Konungs Skuggsjá*, AM 243, B, a, with Diplomatic Text, and a Study of the Paleography, large Folio, published by the University of Illinois, 1916; *The Borgarthing Law of the Codex Tunbergensis*, with paleographic Introduction, 1925; *Fragment AM. 315 E. of the Older Gulathing Law* (Codex of the XIII century), Facsimile and Introduction, 1928. Cooperative Editor, *Journal of English and Germanic Philology*, 1903-11; Associate Editor, same,

1911-26; Acting Managing Editor, 1926-27; Managing Editor, 1927 to date; Editor-in-Chief, *Publications of Society for the Advancement of Scandinavian Study*, 1911-21; member of Editorial Board (of three) of *Illinois Studies in Language and Literature*, 1915 to date (i.e., since established). Lecture on Ibsen's *Peer Gynt* delivered at the University of Chicago, State University of Iowa, Morningside College, University of Illinois, and other institutions, 1906-08; lectures on "The Norwegian Pioneer," "Old Norse Literature," "Norse Mythology," and "The English Language," delivered at various places; delivered the Norwegian address of the day before the Norwegian National League, Chicago, Ill., May 17, 1911; gave address on "America" at an open air meeting of the Aurlandsvangen congregation at the parsonage, Aurland, Sogn, Norway, July 1926; address on "Henrik Ibsen" at the Ibsen Centenary, University of Illinois, March 1928. **Member:** Modern Language Association of America; Linguistic Society of America; American Dialect Society; American Folk Lore Society; American-Scandinavian Foundation; Society for Northern Research, London; Folk Lore Fellows, Copenhagen; Forening for Norske Maal og Minder, Oslo; Nordmandsforbundet; Norwegian-American Historical Association; Organizer of Society for the Advancement of Scandinavian Study, 1911; Vice-President, Illinois Branch, American Folk Lore Society 1910-12; President, Edda (University of Iowa), and Heimskringla (University of Illinois), various years; Chairman, Scandinavian Section, Modern Language Association of America, 1926. Enjoys an extensive acquaintance among Scandinavian scholars; has made four trips to the Scandinavian countries for purposes of study and travel. "In the field of philology there are today in the United States half a dozen outstanding men; one of these is George Tobias Flom of the University of Illinois. No American scholar has searched deeper into the sources of Germanic speech

than has Professor Flom." Dr. L. M. Larson in *Studies and Records*, Vol. II, 1927. *Biography* in University of Illinois *Directory*, 1916; University of Illinois *Alumni Record*, 1918; University of Wisconsin *Alumni Record*, 1919; *Syn og Segn* (Oslo), 1924; *Minneapolis Tidende*, Feb. 9, 1928; *Who's Who in America*, since 1914-15 ed.; *Who's Who Among North American Authors*, 1927-28; *International Blue Book*, London, Paris, and New York, 1926, 1928; *Who's Who in American Education*, 1930. Born at Utica, Wis., April 12, 1871; father, Ole O. Torjussen Flom, came from Aurland, Sogn, in 1844; mother, Martha Jonsson (Borlaug) F., came from Leikanger, Sogn.

**FOGHT, HAROLD WALDSTEIN**, A.B., Iowa College (now Grinnell College), 1897; A.M., Augustana College (Ill.), 1900; Ph.D., American University 1918. President of the University of Wichita, Wichita, Kans., 1927 to date. Teacher in Rural and Village Schools, 1891-93; Professor of History and Sociology, Elkhorn (Iowa) College, 1895-97; Headmaster, Elkhorn College, 1897-99; Professor of History and Education, Blair (Neb.) College, 1899-1900; President of Ansgar College, Hutchinson, Minn., 1901-03; Principal of Academy, Midland College, 1903-06; Professor of History and Education, Midland College, 1906-08; Professor of Rural Education, State Teachers College, Kirksville, Mo., 1908-12; Specialist in Rural Education, U. S. Bureau of Education, Washington, D. C., 1912-14; Specialist in Rural School Practice, U. S. Bureau of Education, 1914-17; Chief of Rural School Division (which he assisted in organizing), U. S. Bureau of Education, 1917-19; President of Northern State Teachers College, Aberdeen, S. Dak., 1919-27. Director of the educational survey of the Province of Saskatchewan for the Canadian Government, 1917; Director of the State Educational Surveys of Alabama, Delaware, and South Dakota; assisted in educational surveys of the States of Washington, Arizona,

Tennessee, Mississippi, and other States; Director of Educational Survey of Japan, and Lecturer on Education in Japan (upon special invitation of the Japanese Government), 1924; has studied the educational systems of Ontario, Denmark, Norway, Sweden, Holland, and Belgium. **Author:** *The True Significance of the Norse Discovery of America*, Danish Lutheran Pub. House, Blair, Neb., 1901; *The Trail of the Loup: being a History of the Loup River Region*, The Ord Quig Pub. Co., Ord, Neb., 1906; *Outline Studies of American History*, Normal Book Co., Kirksville, Mo., 1907; *The American Rural School: Its Characteristics, its Future, and its Problems*, Macmillan Company, New York, 1910; *Rural Denmark and its Schools*, Macmillan Co., 1915; *The Rural Teacher and His Work in Community Leadership, in School Administration, and in Mastery of the School Subjects*, Macmillan Co., 1917; *Unfathomed Japan*, Macmillan Co., 1929; *A Travel Tale in the Highways and Byways of Japan and Formosa*. Also the following Bulletins issued by the U. S. Bureau of Education: *The Educational System of Rural Denmark*, U. S. Bur. of Edn. Bull. 58, 1913; *Danish Folk High Schools*, Bull. 22, 1914; *Danish Elementary Rural Schools, with some Reference to Seminaries for the Training of Rural Teachers*, Bull. 24, 1914; *Efficiency and Preparation of Rural School Teachers*, Bull. 49, 1914; *The Rural School System of Minnesota: a Study in School Efficiency*, Bull. 20, 1915; *The School System of Ontario, with Special Reference to the Rural Schools*, Bull. 32, 1915; *Rural and Agricultural Education at the Panama-Pacific International Exposition*, Bull. 2, 1916; *A Survey of Educational Institutions in the State of Washington*, Bull. 26, 1916; *Rural-teacher Preparation in County Training Schools and High Schools*, Bull. 31, 1917; *A Half-time Mill School*, Bull. 6, 1919; *Rural Education*, Bull. 7, 1919; and 12 other Bulletins issued by the U. S. Bureau of Education. Contributor to *Book of Rural Life*, 1925. Collaborator on: *Educational Resources of Rural and Village Communities*, 1917; *Comparative Educa-*



*tional Systems*, Oxford University Pres., 1917. Lecturer at universities and colleges and before state and national educational associations. **Member:** Southern Conference for Education; Country Church and Country Life Committee, Federal Council of Churches; National Education Association; member of Educational Council, same 1916; Chairman of Committee of One Hundred on Rural Education, same, 1923; Chairman of Educational Committee, National Survey Association, 1913-15; Vice-President, National Education Association, 1924-25, 1926-27; President, South Dakota Education Association, 1927. "Dr. Foght has added an important chapter to Northern State Teachers College History; he leaves behind him an enviable record, not only as a president, but as an educator in the broadest meaning of that term." Catalog of Northern State Teachers College, 1927-28. *Biography in Rus*, 1918, 1920, 1925, 1930; *Who's Who and Why in After-War Education*, 1921; *Who's Who in South Dakota*, 1923; *Who's Who in America*, since 1916-17 ed; *Who's Who in American Education*, 1930. **Born** at Halden, Dec. 7, 1869; son of sea captain Johan Emil and Laura (Arneberg) Foght; came to the United States in 1881.

**FORBES, SELMA VOGNILD** (Mrs. Harry B. Forbes), Ph.B., University of Wisconsin, 1905; Diploma, Cumnock School of Oratory, Northwestern University, 1907; B.E., Columbia College of Expression, Chicago, 1909. **Assistant Professor of Reading and Literature, State Teachers College, Terre Haute, Ind., 1911-12.** Teacher of English and Expression, High School, Fort Atkinson, Wis., 1909-10; Assistant in Literature and Reading, State Teachers College, Terre Haute, Ind., Spring Term 1911; in charge of Reading Department, State Normal School, Mt. Pleasant, Mich., Summer School, 1911; Head of the Department of Expression, State Normal School, Valley City, N. Dak., 1912-14; Teacher of Expression in Schools of Dramatic Art, Chicago, and conducting private studios in that city and vicinity. **Born** in Chicago, Ill.,

1882; father came from Opdal, Sör-Tröndelagen; mother, from Nordland; brother, Enoch Vognild, artist, was formerly Teacher of Drawing in Chicago High Schools, and is now Supervisor of Drawing in the Public Schools of Stamford, Conn.

**FOSSE, CARL**, B.A., Dakota Wesleyan University, 1912; S.M., University of Chicago, 1916; Work toward Ph.D., University of Minnesota. **Instructor in Chemistry, University of Minnesota, Minneapolis, Minn., 1920-23.** Teacher of Science, High School, Marshall, Minn., 1912-14; Teacher of Science, University High School, University of Minnesota, 1914-15; Teacher of Science, Lead (S. Dak.) High School, 1916-20; Professor of Chemistry and Head of the Department of Natural Science, Augsburg College, Minneapolis, Minn., 1923 to date. **Born** in Dodge County, Minn., Dec. 12, 1880; father came from Voss; mother from Stalheim.

**FOSSUM, PAUL ROBERT**, B.A., Concordia College, Moorhead, Minn., 1915; M.A., Johns Hopkins University, 1923; Ph.D., Johns Hopkins University, 1924. **Assistant Professor of Economics, Carleton College, Northfield, Minn., 1926 to date.** Supt. of Schools, Forest River, N. Dak., 1919-22; University Scholar, Johns Hopkins University, 1922-23; Assistant in Political Economy, same, 1923-24; Instructor in Economics and Social Science, Wesleyan University, Middletown, Conn., 1924-25; Assistant Professor of Economics and Social Science, Wesleyan University, 1925-26. **Author:** *Agrarian Movement in North Dakota*, Johns Hopkins Press, 1925; "The Beginnings of Hard Wheat Milling in America," May 1928; "The Anglo-Venezuelan Boundary Controversy," *Hispanic - American Review*, Vol. VIII, No. 3, Aug. 1928. **Member:** American Economic Association; Phi Beta Kappa; Fellow, Royal Economic Society, London. **Biography in** *Who's Who Among North American Authors*, 1927-28, 1929-30.

**Born** at Northfield, Minn., May 28, 1893; paternal grandfather, pioneer farmer at West Paint Creek, Iowa, came from Aurdal, Valdres, in 1853; father, Dr. Andrew Fossum (Ph.D., Johns Hopkins University, 1887), was Professor of Greek, St. Olaf College, 1892-1910, Park Region Luther College, 1910-17, and Concordia College, Moorhead, Minn., 1918-26, now residing at Glencoe, Minn. (see Nelson's *History of the Scandinavians and Successful Scandinavians*, Vol. 1, Minneapolis, 1893; *School Calendar*, 1924).

**FRASER, EUGENIA GJEMS**, B.A., University of North Dakota, 1910; B.A. and M.A. (magna cum laude), University of Manitoba, 1918; Add. Graduate Work, Columbia University, 1928-29. Professor and Head of the Department of English and Assistant Dean of Women, State Teachers College, Mayville, N. Dak., 1924-28. Head of the Department of English, Carman Collegiate Institute, Canada, 1914-18; Lecturer in English, Brandon College, McMaster University, 1918-20; Teacher of English, High School, Grafton, N. Dak., 1920-21; Teacher of English, Central High School, Grand Forks, N. Dak., 1921-24. **Member:** American Association of University Women; Phi Beta Kappa; Kappa Alpha Theta; formerly President, State English Council; President, Teachers Association, Southern Manitoba. Winner of Gansl Scholarship Cup, University of North Dakota. **Born** at Grafton, N. Dak.; mother (K. E. M. Gjems) was born in Oslo; maternal grandfather, Peter Gjems, born at Naestebys, Kongsvinger; second cousin of Dr. Lilly Heber of Oslo, author (see *Aschehougs Konversationsleksikon*), and of the late Judith Heber, composer (see *A Modern Dictionary of Music and Musicians*, London and New York, 1924; *Aschehougs Konversationsleksikon*, Oslo, 1925; and *Das Neue Musik Lexikon*, Berlin, 1926); Aunt, Lina K. Gjems, has taught Latin in Willmar (Minn.) Seminary, Glenwood (Minn.) Academy, Willmar High School, Albert Lea High School, and Minneapolis High

Schools, and is now Teacher of Latin in West High School, Minneapolis; brothers: Oliver Fraser, Teacher in the Public Schools of Allegheny, Ore.; George L. B. Fraser, Teacher in the Public Schools of White Plains, N. Y.; Gjems Fraser, Rhodes Scholar (q.v.).

**FREDERIKSEN, FREDERICK CHRISTIAN**, Pupil of Judassohn and Sitt, Leipzig; Emile Sauret, Berlin; Martin Marsich, Paris; Graduate (with honors), Royal Conservatory, Leipzig, 1888. Director of the Violin Departments of Wisconsin College of Music, Milwaukee, Wis., Lyceum Arts Conservatory, Chicago, and School of Music, University of Wisconsin, for some time about 1920. Concert Violinist; tours with Mme. Backer-Gröndahl and Martin Knutzen, Scotland and Norway; played in Oslo Symphony Orchestra under Iver Holter; Berlin Philharmonic Orchestra; Crystal Palace Orchestra, under Sir August Manns, London; Queen's Hall Orchestra, under Sir Henry Wood, London; played for H. M. the King of Sweden on five occasions, receiving the King's personal congratulations; Concert Violinist and Teacher, London, 1892-1903; Conductor, Violinist, and Teacher, United States, 1903 to date; Member of Faculty, Royal Academy of Music, London; Chicago Musical College, Chicago. Organizer of the Scandinavian Symphony Orchestra, Chicago (first concert given in Orchestra Hall, Chicago, Oct. 1915). Honorary member, Wood Arts Club, London. *Biography in Strand's History of the Norwegians of Illinois*, Chicago, 1905; *Musical Blue Book of America*, 1915-22 eds.; *International Who's Who in Music*, New York, 1918; *Grove's Dictionary of Music and Musicians*, Vol. 6, New York, 1920. **Born** at Halden, Norway, Nov. 23, 1869.

**FREDRICKSON, FREDERICK OLAF**, M.D., Rush Medical College, Chicago, 1908. Assistant Clinical Professor of Medicine, Rush Medical College,



**University of Chicago, Chicago, Ill., 1929—.** Assistant in Medicine, Rush Medical College, 1912-15; Associate in Medicine, same, 1915-23; Instructor in Medicine, same, 1923-24; Clinical Instructor in Medicine, Rush Medical College, University of Chicago, 1924-29. Physician, Chicago, 1910 to date; organizer and commander of Field Hospital 130, 108th Sanitary Train, 33rd Division, with rank of Major, overseas, World War. **Secretary,** North Shore Branch, Chicago Medical Society, 1921-22; President, same, 1922-23; Chairman of Committee on Commercial Exhibits, Illinois State Medical Society, 1927-28; President, Illinois State Medical Society, 1929-30. **Born** in Chicago, Ill., 1874; uncle, the late Olaf Holan, was a prominent barrister of Trondheim; another uncle, the late Laurence Holan, was at one time the Head of a Latin School in Oslo.

**FRELLSEN, RAYMOND F.,** Commander, U. S. Navy. **Instructor** in Electrical Engineering and Physics, United States Naval Academy, Annapolis, Md., 1919-20, and 1922-23. Officer, U. S. Navy. **Born** in the United States; relative of Dr. Christian Frellsen, physician in Antwerp, Belgium, from 1876 for about 40 years, using five different languages to carry on his work, decorated by the Belgian, French, and Portuguese governments, now a resident of Oslo.

**FRELLSEN, SIDNEY A., E.M.,** University of Minnesota, 1919. **Instructor** in Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn., 1921-23. Engineer, Truscon Steel Company, July-Dec., 1919; Engineer, Jacobson Engineering Company, Dec. 1919-Sept. 1921; with Phoenix Utility Company, Duluth, Minn., 1923—?. **Biography** in *Graduates of the School of Mines*, University of Minnesota, 1923-24.

**FRISCH, RAGNAR,** Graduate with "Special Honor" in Economics, University of Oslo, 1919; Ph.D. in Mathematical Statistics, Univer-

sity of Oslo, 1926; Study of Economics and Mathematics in England, France, and Germany; Fellow of the Rockefeller Foundation, United States, one and one-half years. **Visiting Professor of Economics, Yale University, New Haven, Conn., 1930-31.** Associate Professor of Economics and Statistics, University of Oslo, 1928—. **Author:** *Marginal and Limitational Productivity*, Yale University Press (to be published); *A Dynamic Approach to Economic Theory* (in preparation); also about 25 papers on mathematics, economics, and mathematical statistics, some of which have been presented to L'Académie de Science, Paris, and Videnskapsakademiet, Oslo. Upon invitation of the University of Minnesota delivered five special lectures at the University Summer School, Minneapolis, 1930. One of only two students in the history of the University of Oslo to win "Special Honor" in Economics at that university. **Born** in Oslo, Norway, March 3, 1895; father, the late Anton Frisch, was the leader of the "Left" party in the municipality of Oslo, and prominent in the rifle shooting movement in Norway.

**FRISTAD, MILLIE JORGINA,** B.A., State Teachers College, Valley City, N. Dak., 1926. **Instructor** in Public School Music, North Carolina College for Women, Greensboro, N. C., 1926—. Formerly Teacher of Piano and Public School Music, State Teachers College, Valley City, N. Dak.

**FRÖLICH, PER KEYSER, B.S.** (Electrochemical Engineer), Norway Institute of Technology, Trondheim, 1921; M.S., Massachusetts Institute of Technology, 1923; Sc.D., *ibid.*, 1925. **Assistant Professor of Chemical Engineering** and **Assistant Director of the Research Laboratory of Applied Chemistry**, Massachusetts Institute of Technology, Cambridge, Mass., 1927-29. **Assistant in Chemistry**, Norway Institute of Technology, Trondheim, 1919-20; **Instructor in Chemistry** and **Physics**, Christiansand Handelsgymnasium, 1921-22; **American-Scandinavian Foundation Fellow** to

the United States, 1922-23; Part-time Assistant, Research Laboratory of Applied Chemistry, Massachusetts Institute of Technology, Jan.-June, 1923; Research Assistant, same, 1923-25; Research Associate and Divisional Director, same, 1925-27; also consulting engineer for various industrial concerns; Director, Chemical Laboratories of Standard Oil Company of New Jersey, Elizabeth, N. J., 1929.—**Author:** *Eventyret om Industriens Tidsalder*, Olaf Norli, Oslo, 1927; "Untersuchungen über die elektrische Kolloidsynthese" (with S. Bodforss), *Kolloidchemische Beihefte*, Vol. 16, pp. 301-340, 1922; "Zür Kenntniss des Wechselstromlichtbogens in Flüssigkeiten" (with S. Bodforss), *Zeitschrift für Physik*, Vol. 10, pp. 69-79, 1922; "The Conversion of Diamonds to Graphite at High Temperatures" (with M. DeKay Thompson and J. L. Gillson), *Transactions of American Electrochemical Society*, Vol. 43, pp. 161-170, 1923; "The Amphoteric Character of Gelatine and its Bearing on Certain Electrochemical Phenomena," *ibid.*, Vol. 46, pp. 67-86, 1924; "The Introduction of Carbonaceous Matter in Electrodeposited Iron and Nickel," *ibid.*, Vol. 46, pp. 87-105, 1924; "Electrodeposition of Zinc from Electrolytes Containing Gelatine and Aluminum Sulfate," *ibid.*, Vol. 49, pp. 395-416, 1926; "Electrochemical and X-ray Studies of Lead Deposits" (with G. L. Clark and R. H. Aborn), *ibid.*, Vol. 49, pp. 369-392, 1926; "The Carbon Error in the quantitative Deposition of Nickel and Iron from Complex Oxalate Electrolytes," *The Analyst*, Vol. 50, pp. 224-230 and 444-445, 1925; Die Kathodische Abscheidung von Metallen (series of 3 articles): I. "Theorie des Mechanismus" (with G. L. Clark), *Zeitschrift für Elektrochemie*, Vol. 31, pp. 649-655, 1925; II. "X-Strahlen-Untersuchungen am Elektrolytnickel" (with G. L. Clark), *ibid.*, Vol. 31, pp. 655-658, 1925; III. "Elektrochemische und X-Strahlen-Untersuchungen an Bleiniederschlägen" (with G. L. Clark and R. H. Aborn), *ibid.*, Vol. 32, pp. 295-305, 1926; "Deterioration of Mineral Oils" (with R. T. Haslam), *Industrial and Engineering Chemistry*,

Vol. 19, pp. 292-296, 1927; "Destructive Distillation of Wood and Cellulose under Pressure" (with H. B. Spalding and T. S. Bacon), *ibid.*, Vol. 19, 1927; also many other articles in scientific journals. Collaborator on *Chemical Abstracts*. Lecture on "Industrien I Stöpeskeen" delivered at joint meeting of Polyteknisk Forening and Handelsstandens Forening, Christiansand S, Jan. 1926 (an outstanding event in the history of those organizations, according to press reports of the meeting), and published in several Norwegian newspapers, including one in the United States. **Member:** American Chemical Society; Norsk Ingeniørforening; American Electrochemical Society.

At the Massachusetts Institute of Technology, in 1928, gave the first course in high pressure synthetic methods ever given in an American institution of higher learning, and, apparently, anywhere in the world (see *Industrial and Engineering Chemistry*, Nov. 10, 1927). At joint meeting of the American Chemical Society, Society of Chemical Industry, American Electrochemical Society and Société de Chimie Industrielle at Columbia University, Nov. 7, 1930, was awarded the Grasselli Medal in recognition of research work done in the field of synthesis under high pressure. **Biography in** *American Men of Science*, 1927; *Who's Who in the East*, 1930. Born at Christiansand S, June 29, 1899; father, the late I. Keyser Frölich, well-known architect of Christiansand, was a nephew of the late Prof. Rudolph Keyser, eminent historian, and a cousin of Prof. Theodor K. B. Frölich, of the University of Oslo; grandfather, Colonel Frölich, was Commandant of Fort Oscarsborg during the latter part of 19th century; great-grandfather, Keyser, was Bishop of Oslo; great-great-grandfather, Colonel A. S. Krebs (1767-1818), repelled the attack of the Swedish forces at Lier, and routed them at Midtskogen and Skotterud, Aug. 2 and 5, 1814 (see *Aschehougs Konversationsleksikon*, Oslo, 1925).



**FROST, HELEN RUTH HAL-LINGBY** (Mrs. Harold P. Frost), Director of Physical Education Diploma, Iowa State Teachers College, 1909; A.B., *ibid.*, 1911. Director of Physical Education for Women, Southeast Missouri State Teachers College, Cape Girardeau, Mo., 1913-17. Assistant Director of Physical Education, Iowa State Teachers College, Cedar Falls, Iowa, 1908-09; Director of Physical Training for Women, Yankton College, 1909-10; Director of Physical Education for Women, Iowa State Teachers College, 1910-13; now Resident of Worcester, Mass. Born at Osage, Iowa, 1888; father came from Aadal, Buskerud fylke; mother from Lillehammer; sister of O. Hallingby (q.v.).

**FROYSA, KNUTE**, A.B., University of North Dakota; Pupil of August Rojahn, Christiansand S; Gustav Fr. Lange, Oslo; Ewald Niegish and Louis van Laar, Berlin. Dean of the Department of Music, State Teachers College, Valley City, N. Dak., 1918 to date. Head of the Violin Department, same 1907-18; also Conductor of Orchestra, Assistant Professor of Music and Head of the Department of Music, University of North Dakota, 1924-25. Listed in *The Musical Blue Book of America*, 1916-17, 1917-18, 1921-22. Born in Christiansand S.

**FURGASON, WALDO H.**, A.B., St. Olaf College, 1924; Diploma in Music, *ibid.*, 1925; Graduate Work, University of Southern California, Summer Sessions 1925, 1926; Graduate and Research Work, Hopkins Marine Station, Pacific Grove, Calif., Summers 1927, 1928; Work toward Ph.D. in Biology, Stanford University, 1928-29. Instructor in Biology and Zoology, State College, San Diego, Calif., 1926-28. Teacher, Roosevelt Jr. High School, San Diego, Calif., 1925-26; Teaching Assistant in Biology, Leland Stanford Jr. University, 1928-29. Author: "Protozoic Changes during Encystment and Excystment of Protozoa," paper presented to Western

Society of Naturalists, Pacific Grove, Calif., Dec. 2, 1928; paper on a new species of protozoa recently described by him, presented to American Association for the Advancement of Science, New York, Dec. 1928. Member: Western Society of Naturalists; American Association for the Advancement of Science. Born at Canby, Minn., April 25, 1902; father, Peter Furgason (Peder Folkevarson), came from the vicinity of Telemarken; mother, Ingeborg (Kristopherson) F., was born in Dane County, Wis., her parents having come from Voss; on mother's side distantly related to the late Hon. Knute Nelson, U. S. Senator from Minnesota, 1895-1923.

**GANGSTAD, IDA M.**, B.A., University of Wisconsin, 1908; Graduate Work, University of Illinois Library School, 1911-12. Assistant Professor of Library Methods, Extension Division, University of Wisconsin, Madison, Wis., 1927 to date. Library Assistant and Instructor, University of Wisconsin, 1913-17; Librarian, College of Industrial Arts, Denton, Tex., 1917-18; Instructor in Library Methods and Library Assistant, Department of Debating and Public Discussion, Extension Division, University of Wisconsin, 1918-27. Born at Deerfield, Wis.; father came from Fredriksstad; mother's parents from the vicinity of Oslo.

**GANONG, ANNA HOBLET** (Mrs. William F. Ganong), A.B., State University of Iowa; A.M., Smith College, 1923. Instructor in Geology, Smith College, Northampton, Mass., 1920-23. Formerly of Eagle Grove, Iowa; ancestors came from Christiansand S (see Dr. W. F. Ganong in *Who's Who in America*).

**GIAUQUE, ALICE MARGUERITE HOLMEN** (Mrs. James Robert Giauque), Violin Pupil of Maximilian Pilzer, Francesca Bendeke, Edouard Dethier, and Eugene Ysaye; Voice Pupil of Herbert Witherspoon; Student, Oberlin College, Columbia Univer-

sity, and Institute of Musical Art, New York. **Instructor in Voice and Solfeggio, Ohio University, Athens, Ohio, 1926-29.** Born at Kenyon, Minn., 1896; paternal grandfather, Hans I. A. Holmen, came from Kongsberg in 1844, and served with the 15th Wisconsin Regiment under Colonel Hans C. Heg during the Civil War; paternal grandmother, a sister of Julius Orbe, concert violinist with Jenny Lind and Ole Bull, came from Drammen; maternal grandparents from Drangedal and Kragerø.

**GILBERT, EDWARD M., Ph.B.,** University of Wisconsin, 1907; Ph.D., *ibid.*, 1914. **Professor of Botany and Plant Pathology, University of Wisconsin, Madison, Wis., 1923 to date;** also Chairman of the Department of Botany. Professor of Biology, State Normal School, Superior, Wis., 1907-10; Instructor in Botany, University of Wisconsin, 1910-12; Assistant Professor of Botany, University of Wisconsin, 1913-17; Associate Professor of Botany, same, 1918-23; Honorary Fellow, Harvard University, 1915. **Author:** *Text-book in Botany* (with C. E. Allen), D. C. Heath & Co., New York, 1915; *College Text-book in Botany* (with others), Macmillan Co., New York, 1924, revised edition, 1928; also articles on fungi, and papers presented to Botanical Society of America at various times since 1910. Collaborator, *Botanical Abstracts* and *Biological Abstracts*. Lectures on the Teaching of Botany delivered at schools and before educational associations. **Member:** Botanical Society of America; American Phytopathological Society; American Microscopical Society; Torrey Botanical Club; American Naturalist; Sigma Xi and Gamma Alpha, honor societies; Wisconsin Academy of Sciences, Arts and Letters; British Mycological Society; Honorary member, Phi Sigma (honor society); Fellow, American Association for the Advancement of Science. **Biography in** *Rus*, 1925, 1930; *American Men of Science*, 1921, 1927; *Who's Who in America*. Born at Blair, Wis., Sept. 20, 1875; father

was born in Valdres; mother in Enebak.

**GILBERTSON, ALBERT NICOLAY, A.B.,** University of Minnesota, 1908; A.M., *ibid.*, 1909; Ph.D., Clark University, 1913; S.T.M., Harvard University, 1920. **Instructor in Psychology and Anthropology, University of Colorado, Boulder, Colo., 1909-10;** Instructor in Psychology, University of Minnesota, 1910-12; also Instructor in Psychology and Child-Study, Minneapolis Kindergarten Normal School, and Lecturer on Psychology and Pedagogy, Minneapolis Normal Art School, 1911-12; Fellow, Clark University 1912-13; Instructor in Sociology and Anthropology, University of Minnesota, 1913-15; Lecturer in Anthropology, Clark University, 1916-17; Rector, St. Luke's Church, Malden, Mass., 1917-25; Vicar, Wyman Memorial Chapel, Marblehead, Mass., 1925-26; Rector, St. Paul's Church, Vermillion, S. Dak., 1926 to date. **Author:** *Some Ethical Aspects of Eskimo Culture* (thesis for Ph.D.), copy in Clark University Library, and published in *Journal of Religious Psychology*, Oct. 1913, pp. 321-374, and Jan. 1914, pp. 45-74; article on "Slavery (Primitive)" in *Hastings' Encyclopedia of Religion and Ethics*, 1919; *English and Norwegian Churches: Past and Present Relations*, Church Book Store, New York, 1921; also many articles and reviews in the *American Anthropologist*, *Pedagogical Seminary*, *American Journal of Psychology*, and in church journals and the daily press. **Member:** American Anthropological Society; American Association for the Advancement of Science; President, Nordlyset Lodge, Sons of Norway, Greater Boston, 1925. Visited Norway and other European countries, 1910, 1923; represented Sons of Norway Supreme Lodge at 900th anniversary celebration, Valdres, St. Olaf's Day, July 29, 1923. **Biography in** *American Men of Science*, 1921, 1927. Born at Ellsworth, Minn., Jan. 5, 1885; parents came from Jevnaker, Hadeland, in 1884; brother of Judge T. O. Gil-



bert, formerly of Willmar, now of Minneapolis, Minn.

**GILBERTSON, GEORGE I.**, B.S., South Dakota State College, 1914; M.S., *ibid.*, 1916. Associate Professor of Entomology, South Dakota State College of Agriculture and Mechanic Arts, Brookings, S. Dak., 1928—. Instructor in Entomology, South Dakota State College, 1914-20; Assistant Professor of Entomology, same, 1920-28; also Assistant Entomologist, Experiment Station, South Dakota State College, and Assistant State Entomologist, South Dakota, 1919 to date. *Biography in Rus*, 1930. Born at Castlewood, S. Dak., Aug. 28, 1892; son of Iver and Martha (Fjerstad) G.

**GILBERTSON, LYLE I.**, B.A., Augustana College (S. Dak.); M.A., University of Wisconsin. Instructor in Chemistry, State College of Washington, Pullman, Wash., 1927 to date. Instructor in Chemistry, Carleton College, 1926-27. Born in the United States; son of George H. Gilbertson, Teacher of Commercial Subjects, Pleasant View Luther College, Ottawa, Ill., 1899-1920, and Business Manager of Augustana College, Sioux Falls, S. Dak., since 1920 (see *School Calendar*, 1924); sister, Gladys Gilbertson, was Teaching Fellow in English, State College of Washington, 1929-30.

**GIMMESTAD, HERMAN**, B.A., St. Olaf College, 1923; M.A., Harvard University, 1926; Ph.D., University of Chicago. Professor and Head of the Department of English, Midland College, Fremont, Neb., 1927 to date. Principal of Elkton, (Minn.) Consolidated Schools, 1923-24; Instructor in English, University of North Dakota, 1926-27. Born at Galesville, Wis., Feb. 12, 1902; father, Dr. L. M. Gimmetstad, President of Gale College, Galesville, Wis., 1901-18, came from Gløppen, Nordfjord; mother, of Eau Claire, Wis.

**GJELSNES, RUDOLPH H.**, B.A., University of North Dakota, 1916; B.L.S., University of Illinois,

1920. Head of Order Department, University of Oregon Library, Eugene, Ore., 1920-22; Bibliographer, University of California Library, Berkeley, Calif., 1922-24; American-Scandinavian Foundation Fellow to Norway, 1924-25; Assistant Librarian, University of Michigan Library, Ann Arbor, Mich., 1925-28; Chief, Preparation Division, New York Public Library, New York City, 1929—. Translator: Johan Falkberget's *Lisbeth of Jarnfjell*, W. W. Norton Co., New York, 1930; Falkberget's "Race with Death," *American-Scandinavian Review*, Oct. 1925; Falkberget's "A Summer Memory: The Double Dealer," *ibid.*, May 1926; Falkberget's "Mountain-Martha," *Stratford Magazine*, July, 1928. Special correspondent of the *New York Evening Post*, 1924-25. Member: American Library Association; Michigan Authors' Association; Phi Beta Kappa; Sigma Alpha Epsilon. Born at Reynolds, N. Dak., Oct. 18, 1894; father came from Odalen; mother from Kongsvinger.

**GJERDRUM, HENRIK**, Pupil of Astrid Onarheim and Frithjof Backer-Grøndahl, Oslo; Jose Vian-na Da Motta (Court Pianist), Berlin. Head of Piano Department, Hardin College, Mexico, Mo., 1910-13. Teacher of Piano, Valley City, N. Dak., 1905-08; Study in Oslo, 1908-09; Berlin, 1909; Concert and Chautauqua Work in the United States, Summer 1910; Director, Henrik Gjerdrum Conservatory of Music, Marshfield, Ore., 1915—? Concert Tours with internationally known artists from time to time. *Biography in International Who's Who in Music*, New York, 1918. Born in Bergen, Nov. 28, 1884; came to the United States first time in 1905.

**GJESDAHL, FREDRIK LORENTZ**, Student, Schools and Colleges of Norway; Pd.M., New York University; Pd.D., New York University, 1918; Ph.D., *ibid.*, 1920. Head of the Department of Education, College of Puget Sound, Tacoma, Wash., 1920-22; lately connected with Chicago Normal

College, 6800 Stewart Ave., Chicago, Ill.

**GJESDAHL, MAURICE SVEN**, B.S. in Eng., University of Minnesota, 1921; M.S. in M.E., Lehigh University, 1929. **Instructor in Mechanical Engineering, Lehigh University, Bethlehem, Pa., 1927 to date.** Instructor in Science, Augsburg College, Minneapolis, Minn., 1921-22; Statistical Engineer, Board of Education, Minneapolis. **Junior Member, American Society of Mechanical Engineers.** Born in the United States; father came from Stavanger; grandson of the late Rt. Rev. S. Gjesdahl of Stavanger; nephew of Rev. Paul Gjesdahl and Rev. John Gjesdahl, both of the Church of Norway; great-grandson of Hanna O. Winsnes (1789-1872), authoress of Vang, Hedemarken (see *Aschehougs Konversationsleksikon*, Oslo, 1925).

**GLASOE, G. NORRIS**, B.A., St. Olaf College 1924; M.A., University of Wisconsin, 1926; Ph.D., University of Wisconsin, 1928. **Instructor in Physics, University of Wisconsin, Madison, Wis., 1929—.** Assistant in Physics, University of Wisconsin, 1925-26; Fellow in Physics, same, 1926-27; Assistant Professor of Physics, St. Olaf College, 1928-29. Born in the United States; son of Dr. P. M. Glasoe (q.v.); brother, Paul K. Glasoe, was a senior at the Northfield (Minn.) High School, 1929; another brother, Alf M. Glasoe (B.A. with distinction, St. Olaf College, 1929), is Assistant in Chemistry at the New York University, New York City, 1930-31.

**GLASOE, PAUL MAURICE**, A.B., University of Minnesota, 1897; M.S., *ibid.*, 1898; Ph.D., *ibid.*, 1902; Study in Europe, 1928-29. **Instructor in Chemistry, University of Minnesota, Minneapolis, Minn., 1898-1901.** Assistant in Chemistry, University of Minnesota, 1895-97; Fellow in Chemistry, University of Minnesota, 1897-98; Instructor in Chemistry and Physics, St. Olaf College, 1901, 1902; Professor of Chemistry and Physics, St. Olaf

College, 1902-07; President of Spokane (Wash.) College, 1907-10; Professor of Chemistry, St. Olaf College, 1910-16; President of Augustana College, Canton, S. Dak., 1916-18; Professor of Chemistry and Vice-President of the College, St. Olaf College, 1918 to date; also Treasurer and Business Manager, St. Olaf College, 1904-07; Acting President, same, 1911-12, 1927-28; absent on leave, studying electrochemical processes and products at Rjukan and Notodden Saltpeter Works, Norway, and studying at Norway Institute of Technology, Trondheim, Universities of Oslo, Lund, Upsala, and Copenhagen, and at Oxford and Cambridge Universities, 1928-29. **Author: General Chemistry**, Northfield News, Northfield, Minn., 1913; *Introduction to the Periodic System*, Edwards Brothers, Ann Arbor, Mich., 1925; *Foundations of General Chemistry*, Edwards Brothers, 1927; also various articles in *Journal of American Chemical Society*, 1898; *School Science and Mathematics*, 1916, and numerous other journals. Collaborator on *Journal of American Chemical Society*, 1914. **Member:** American Chemical Society; Minnesota Educational Association; Sigma Xi; President, Choral Union of United Church and Norwegian Lutheran Church of America, 1914 to date; President, Trönderlaget, 1921-22. **Biography in Dictionary of the University of Minnesota**, 1908; *School Calendar*, 1924; *American Men of Science*, 1906, 1910, 1921, 1927; *Who's Who in America*, 1928-29. Born at Lanesboro, Minn., Aug. 24, 1873; parents came from Beitstaden, Tröndelagen, in 1873; father, N. E. Glasoe (d. 1929), served as teacher in parochial schools at Spring Grove, Minn., and vicinity for more than 50 years; brother-in-law of Prof. C. O. Rosendahl (q.v.); father of Dr. G. Norris Glasoe (q.v.).

**GLOMSET, ANNA THEODORA ASBJORG GLERUM** (Mrs. Daniel J. Glomset), B.S., University of Chicago, 1910. **Professor of Chemistry and Physics, Lake Erie College, Painesville,**



**Ohio, 1910-12;** Bacteriologist, Des Moines, Iowa, since 1912; Owner of the Anna T. A. Glomset Pathologic Laboratory, Des Moines. **Member,** Professional Women's Club, Des Moines. **Biography** in *Who's Who in Des Moines*, 1929. **Born** in Buffalo, N. Y., June 17, 1884; father, Andrew J. Glerum, recently supt. of the Map Dept., Clement Company, Buffalo, N. Y., was born in Christiansund N, and came to the United States in 1881; mother, Anna G. (Neeraas) G., also born in Christiansund N; wife of Dr. Daniel J. Glomset (q.v.).

**GLOMSET, DANIEL JOHN-SON**, B.S., University of Chicago, 1910; M.D., Rush Medical College, 1911; M.D., German Pathologic Institute, Prague, 1914. **Professor of Pathology and Bacteriology, Drake University, Des Moines, Iowa, 1911-13.** Instructor in Histology, Northwestern University, 1909; Research Fellow, University of Prague, Czechoslovakia, 1914; Pathologist, Des Moines, Iowa, 1915-16; successively Lieutenant, Captain, and Major, Medical Department, Laboratory Division, Camp Dodge, Iowa, and Base No. 15, France, July 1917-Feb. 1919; Physician, Des Moines, Iowa, 1919 to date. **Author** of various articles related to Pathology and Bacteriology. **Member:** American Association of Pathologists and Bacteriologists; Society of American Bacteriologists; American Association for Cancer Research; Iowa Academy of Science; Iowa State Medical Society; American Medical Association. **Biography** in *American Men of Science*, 1921, 1927; *Who's Who in Des Moines*, 1929. **Born** near Aalesund, Dec. 12, 1881.

**GRANRUD, JOHN EVEN-SON**, B.A., Luther College, 1886; M.A., *ibid.*, 1890; Ph.D. (magna cum laude), Cornell University, 1892. **Professor of Latin, University of Minnesota, Minneapolis, Minn., 1909-20.** Teacher of Latin and History, Albert Lea, (Minn.) Academy, 1888-89; Principal of Bode (Iowa) Academy, 1889-90; Professor of Latin, St. Olaf College,

1892-94; Professor of Latin, Luther College, 1894-97; Assistant, later Instructor in Latin, University of Michigan, 1897-99; Instructor in Latin, University of Minnesota, 1899-1903; Assistant Professor of Latin, University of Minnesota, 1903-09. **Author:** *Five Years of Alexander Hamilton's Public Life, 1786-91* (thesis for Ph.D.), Minneapolis, 1894; *Roman Constitutional History* (in Allyn & Bacon's College Latin Series), Boston, 1902; *Life and Monuments of Classic Rome*, completed in 1920, as yet unpublished; "Characteristics of Roman Architecture," *Western Architect*, 1911; "Roman Building Materials and Methods of Construction," *Minnesota Engineer*, June 1912; article on the text of Cicero's Tusculan Disputations, *Classical Journal*, 1912; "Was Cicero Successful in the Art Oratorical?," *Classical Journal*, 1913; "The Characteristics of Roman Art," *Records of the Past*, 1913; "Roman Historical Reliefs," *Records of the Past*, 1913; "Roman and Pompeian Painting," *Records of the Past*, 1914 (?); "Baths of Diocletian," *Modern Sanitation*, Feb. 1913; "Roman National Characteristics," *Education*, 1914 (?); also many other articles in various journals, and papers read before classical, philological, and educational organizations. **Member:** — Alpha Phi (national honorary language fraternity); Vice-President, Classical Club; Vice-President, Minnesota Division, Classical Association of the Middle West and South; Vice-President, Board of Education, Norwegian Lutheran Church of America, 1917-20. **Biography** in *1892—Ten Year Book—1902*, Cornell University; *Dictionary of the University of Minnesota*, 1908; *Norwegian-American*, Northfield, Minn., June 20, 1913; *School Calendar*, 1924. **Born** at Stange, Hedemarken, Aug. 5, 1863; brought to Minnesota, 1865; died March 29, 1920; wife, Amalie (Olsen) Granrud, daughter of the late Rt. Rev. Johan Olsen, President of the Norwegian Lutheran Conference, 1872-81, and President of the Board of Directors, St. Ansgar (Iowa) Seminary, 1878-1910, has been Field Investigator for the Board of Charities,

Norwegian Lutheran Church of America, and Lecturer on Welfare Work throughout the Northwestern States, since 1920; son, Carl F. Granrud, is a practising attorney of Minneapolis; another son, Dr. John E. Granrud (Ph.D., Columbia University, 1925), was Assistant Superintendent of Schools, Panama Canal Zone, 1925-26, Supt. of Schools, same, 1926-27, and has been Assistant Superintendent of Schools, Springfield, Mass., since 1927; brother-in-law (by marriage) of Dr. Peter Field (q.v.).

**GRAVEM, AXEL BERG, A.B.**, University of California, 1917; B.A., Oxford University, England; M.A., *ibid.*; B.C.L., *ibid.* **Lecturer in Legal History, Northwestern University School of Law, Chicago, Ill., 1925 to date.** Assistant in Economics, University of California, 1918-19; Rhodes Scholar from State of California, Oxford University, England, 1919-23; practising attorney, Chicago. Captain of Oxford University Tennis Team, two years. Born in Christiansund N, 1896.

**GREENBERG, PALMA SIGRID IVERSON** (Mrs. Julius Greenberg), B.A., St. Olaf College, 1916; M.S., Iowa State College of Agriculture and Mechanic Arts, 1918. **Instructor in Mathematics, Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa, 1916-18; Instructor in Mathematics, St. Olaf College, 1918-21.** Born at Colman, S. Dak.; died 1930; parents came from Trondheim.

**GRONDAHL, LARS OLAI**, B.A., St. Olaf College, 1904; M.S., *ibid.*, 1905; Ph.D., Johns Hopkins University, 1908; Add. Study, University of Chicago, 1909; University of Berlin, 1914. **Associate Professor of Physics, Carnegie Institute of Technology, Pittsburgh, Pa., 1917-20.** Instructor in Physics and Chemistry, St. Olaf College, 1904-05; Lecture Assistant in Physics, Johns Hopkins University, 1906-08; Professor of Physics and Mathematics, Spokane (Wash.) College, 1908-09; Instructor in Physics, University of Wash-

ington, Seattle, 1909-12; Instructor in Physics, Carnegie Institute of Technology, 1912-14; Assistant Professor of Physics, same, 1914-17; Research Work with Naval Consulting Board, 1917-19; Director of Research, Union Switch and Signal Company, Swissvale, Pa., 1920 to date; also Lecturer in Physics, University of Pittsburgh, 1929—. **Author:** "Study of Transformation from Alternating Current to Direct Current by Means of Transformers and Synchronous Commutators," *Electrical World*, April 15, 1909; "The Thermoelectric Behavior of Heusler Alloys in a Magnetic Field," *Physical Review*, Vol. 33, Dec. 1911; "The Thermoelectricity and Magnetostriiction of Heusler Alloys," *ibid.*, N. S., Vol. 4, Oct. 1914; "A Method of Studying Sound Waves by Means of a Synchronous Commutator," *ibid.*, N. S., Vol. 17, Feb. 1921; "Experimental Evidence for the Parson Magneton," *ibid.*, N. S., Vol. 10, Nov. 1917; "A New Type of Contact Rectifier," *ibid.*, Vol. 27, June 1926; "A Study of Box Photometer," *Transactions of the Illuminating Engineering Society*, Vol. 11, March 1916; "Focus Indicator for Headlights," *ibid.*, Vol. 16, June 1921; "Submarine Detection in an Alternating Magnetic Field," *Journal of American Institute of Electrical Engineers*, March and April 1920; "A New Electronic Rectifier," *American Institute of Electrical Engineers*, March 1927; "Pneumophonograph," *Transactions of the Association of American Physicians*, Vol. 35, p. 63, 1920; "Theories of a New Solid Junction Rectifier," *Science*, Vol. 64, Sept. 1926; "Electronic Rectifier is Suitable for Signaling Power Supply," *Railway Signaling*, Vol. 20, No. 6, June 1927. **Inventor:** has taken out 32 patents covering light apparatus, apparatus for use in automatic signaling and train control, and copper oxide rectifier. **Member:** American Electrochemical Society; Illuminating Engineers Society; American Chemical Society; Sigma Alpha Epsilon; Sigma Xi; Associate Member, American Institute of Electrical Engineers; Associate Member, American Society of



Testing Materials; Fellow, American Physical Society; Fellow, American Physical Society; Fellow, American Association for the Advancement of Science; President, Physical Society of Pittsburgh, 1924-25. *Biography in American Men of Science*, 1910, 1921, 1927; *School Calendar*, 1924; *Who's Who in Engineering*, 1925; *Who's Who in the East*, 1930. Born at Hendrum, Minn., Nov. 27, 1880; father, Peder E. Larson, pioneer farmer at Hendrum, Minn., came from Kaldvold, Volden, Söndmör, in 1876; mother, Herborg (Huglen) Larson, came from Stord, Söndhordland, in 1853.

**GRONNERUD, PAUL, B.S.**, University of Kentucky, 1898; M.D., Rush Medical College, Chicago, 1895; M.D., University of Kentucky, 1898. **Clinical Professor of Surgery, Loyola University College of Medicine, Chicago, Ill., 1909-11, and 1917-22 or longer.** Professor of Surgery, Post-Graduate Medical School, 1900-05; Professor of Surgery, Chicago Polyclinic, 1905-15; Professor of Gynecology and Operative Surgery, Illinois Post-Graduate Medical School, 1915-22 or longer. Attending Surgeon, West Side Hospital, Chicago; Visiting Surgeon, Norwegian-American Hospital, Chicago; Physician and Surgeon, Pikeville, Ky. Fellow, American College of Surgeons. *Biography in American College of Surgeons Yearbooks*, 1915 to date.

**GROTH, A. H., B.S.**, Iowa State College; M.S., Colorado Agricultural College; Work toward D.V.M. Assistant Professor of Animal Husbandry, Texas Agricultural and Mechanical College, College Station, Tex., 1925 to date. Formerly Representative of Iowa Beef Producers' Association; Professor of Agriculture, Sam Houston State Teachers College, Huntsville, Tex.; Instructor in Animal Husbandry, Texas Agricultural and Mechanical College, 1923-25; Teaching Animal Husbandry, Peabody College for Teachers, Summer 1929. **Author** of pamphlets on

the Feeding of Cattle, and various articles dealing with traction animals. **Born** at St. Ansgar, Iowa; grandfather, Asser H. Groth, came from Gol, Hallingdal, to Rock Prairie, Wis., about 1850, and was one of the original settlers at St. Ansgar, Iowa, 1854 (or 1853).

**GUERNSEY, MARTHA, A.B.**, University of Michigan, 1920; A.M., *ibid.*, 1921; Ph.D., *ibid.*, 1922. **Assistant Professor of Psychology, University of Michigan, Ann Arbor, Mich., 1928—.** Assistant in Psychology, University of Michigan, 1918-21; Teaching and Research Assistant in Psychology, same, 1921-23; Instructor in Psychology, same, 1923-27; Social Science Research Council Fellow for "a study of human behavior, particularly in children," Vienna, 1927-28. **Author** of various research articles in the field of psychology. **Member:** American Psychological Association; American Eugenics Society; American Association for the Advancement of Science. *Biography in American Men of Science*, 1927. **Born** at Montpelier, Ida.; mother Norwegian.

**GULLICKSON, THOR WILHELM, B.S.**, University of Minnesota, 1918; M.S., *ibid.*, 1922. **Assistant Professor of Dairy Husbandry, University of Minnesota College of Agriculture, St. Paul, Minn., 1922 to date.** Teacher of Agriculture, High School, Richland Center, Wis., 1913-16; Assistant Specialist in Dairy Cattle Breeding, U. S. Department of Agriculture, 1918-20; Instructor in Dairy Husbandry, University of Minnesota College of Agriculture, 1920-22. **Author:** *Raising the Dairy Calf when Whole Milk is Sold*, Minnesota Experiment Station Bulletin No. 215; *Raising Dairy Calves on Skimmilk*, Minnesota Special Bulletin No. 108; "Season and Weather as Factors Influencing the Fat Content of Cow's Milk," *Hoard's Dairyman*, 1923; "Condensed and Powdered Buttermilk for Dairy Calves," *Journal of Dairy Science*, Vol. 7, 1924; "The Relation of Sunlight to the Growth and Development of Calves," *ibid.*, Vol. 10, 1927;

"Maintenance Requirements for Calves Tested by Live Weight Methods," *ibid.*, Vol 10, 1927; "The Relation of Phosphorous Deficiency to the Utilization of Feed," *Proceedings, American Society of Animal Production*, 1927. Member: American Dairy Science Association; Alpha Zeta (honorary agricultural fraternity); Gamma Sigma Delta (honorary agricultural society); Treasurer, University of Minnesota Chapter, Gamma Sigma Delta, 1925—. **Biography in** *Rus*, 1925, 1930. Born at Cushing, Wis., 1894; father came from Holmestrand; mother from Gudbrandsdalen.

**GUNDERSEN, CARL**, Examen Artium, University of Oslo, 1885; A.B., Stanford University, 1897; A.M., Columbia University, 1899; Ph.D., Columbia University, 1902. Professor and Head of the Department of Mathematics, Oklahoma Agricultural and Mechanical College, Stillwater, Okla., 1909 to date. Fellow in Mathematics, Columbia University, 1899-1900; Honorable Fellow, same, 1900-01; Professor of Mathematics and Astronomy, La Grange (Mo.) College, 1902-04; Instructor in Mathematics, Michigan Agricultural College, 1904-08; Assistant Professor of Mathematics, same, 1908-09. **Author:** *On the Content or Measure of Assemblages of Points*, thesis for Ph.D. Member: American Mathematical Society; Mathematical Association of America. **Biography in** *American Men of Science*, 1906, 1910, 1921, 1927. "He is one of the outstanding teachers on this faculty and would be a credit to any college or university." Prof. F. M. Rolfs. Born at Kragerö, Jan. 10, 1864; graduate, Christiania Handelsgymnasium; came to the United States in 1887; brother, Dr. Alfred Gundersen (Docteur de L'Université, University of Paris, 1910), has been Assistant Curator, and Curator of Plants, Brooklyn (N. Y.) Botanic Gardens, since 1914, writer and lecturer on botany (see *American Men of Science*, 1921, 1927).

**GUNDERSEN, HENRIK**, Candidatus Philosophiae, University of Oslo, 1888; Hon. D.B., Baptist Union Theological Seminary, 1889; Hon. Th.D., Northern Baptist Theological Seminary, 1923. Assistant Professor of New Testament Interpretation and Biblical Literature, University of Chicago, Chicago, Ill., 1892-95. Professor of Greek and New Testament Interpretation, Danish-Norwegian Department, Baptist Union Theological Seminary, 1888-92; Dean, Professor of Systematic Theology, New Testament Interpretation, and Biblical Literature, Danish-Norwegian Theological Seminary, University of Chicago, 1895-1913; Dean, Norwegian Baptist Divinity House, University of Chicago, 1913-21; Dean, Norwegian Baptist Theological Seminary, 1921-25 (?). **Biography in** *Who's Who in America*, 1924-25; *Who's Who in Chicago*, 1926. Born in Tromsø, Jan. 31, 1857; came to the United States in 1888; died Nov. 4, 1925.

**GUNDERSON, HELEN LOUISE**, Mus.B., University of South Dakota, 1914; Graduate Work, Faelton School of Music, Boston, 1914-15. Instructor in Pianoforte, University of South Dakota, Vermillion, S. Dak., 1915-19; Instructor in Music, University of Wisconsin, 1919-23; Instructor in Music, Peking University, Peking, China, 1924—? Born in South Dakota; paternal grandfather, Hans Gunderson, Member of the Legislature of South Dakota, 1868—?, came from Vala, Holden, Nedre Telemarken, and settled in South Dakota in 1860; father, Hon. Carl Gunderson, was formerly Supervisor of Indian Allotments for the entire United States, and was recently Lieutenant Governor and Governor of the State of South Dakota (see *Who's Who in South Dakota*, 1925; *Who's Who in America*).

**GUNDERSON, HENRIETTA**, Ph.B., Hamline University, 1909; M.A., Hamline University, 1911. Professor and Head of the Department of English, Gooding College,



**Wesleyan, Idaho, 1928—** Teacher in High Schools of Minnesota and South Dakota, 1911-16; Principal of High Schools, Minnesota, 1916-23; Professor and Head of the Department of English, Gooding College, 1923-26; Professor of English, Dakota Wesleyan University, 1926-27. Tour of Europe, Summer 1922; attended the Passion Play at Oberammergau, Germany; has delivered various lectures on the Passion Play at High Schools and in churches. **Member**, Sigma Tau Delta. **Born** at Kenyon, Minn.; paternal grandparents born in Norway; maternal grandparents born in Sweden.

**GUNNERSON, FLORA ADAIR**, B.A., Harris Teachers College; M.A., Stanford University, 1927. **Instructor in Education**, San Jose State Teachers College, San Jose, Calif., 1926 to date. **Author**, "Sir Edward Grey of Fallodan," thesis for M.A. **Born** in the United States; paternal grandfather came from Stavanger.

**GUNNESS, CHRISTIAN I.**, B.S., North Dakota Agricultural College, 1907; M.E. **Professor and Head of the Department of Agricultural Engineering**, Massachusetts Agricultural College, Amherst, Mass., 1919 to date. **Instructor in Mechanical Engineering**, North Dakota Agricultural College, 1907-09; **Assistant Professor of Mechanical Engineering**, same, 1910-12; **Superintendent**, Indiana School of Tractioneering, La Porte, Ind., 1912-14; **Associate Professor of Agricultural Engineering**, Massachusetts Agricultural College, 1914-15; **Professor of Agricultural Engineering**, same, since 1915, in charge of the Department since 1919. **Member**, American Society of Agricultural Engineers. **Biography in Rus**, 1918, 1920, 1925, 1930; *Who's Who in Engineering*, 1925. **Born** at Abercrombie, N. Dak., July 23, 1882; parents came from Rennebu, near Trondheim.

**HAAGENSEN, MARY SOPHIE**, **Instructor in Hygiene**, Wellesley College, Wellesley,

Mass., 1917-22; **Instructor in Hygiene and Physical Education**, Wellesley College, 1922-25.

**HAGEN, MARTIN, M.D.**, **Assistant Professor of Anatomy**, Valparaiso University, Valparaiso, Ind., 1906-08. **Instructor in Practice of Medicine**, Chicago Lutheran Deaconess Home, Chicago, Ill., 1908-09. Listed in *School Calendar*, 1924.

**HAGEN, OLE ERIKSSON**, A.B., B.L., University of Wisconsin, 1882; A.M., M.L., *ibid.*, 1884; A.M., Ph.D., University of Leipzig, 1890. **Professor of Modern Languages and Literature**, University of South Dakota, Vermillion, S. Dak., 1891-99. **Professor of Greek and Latin**, Galesville University, Galesville, Wis., 1882-83, 1884-86; **Pursuing Classical, Oriental, and Archeological Studies** at or in connection with the University of Leipzig, several years, carrying on research work in the British Museum, London, Louvre Museum, Paris, Royal Museum, Berlin, and other archeological centers of Europe; **Professor of Greek, Hebrew, and Scandinavian Languages and Literatures**, University of South Dakota, 1899-1901; **Carrying on private research work**, Meridean, Wis., 1901-27. **Author**: "Keilschrifturkunden zur Geschichte des Koenigs Cyrus"; "Saparda zur Ethnologie Lydiens"; "Untersuchungen zur Ethnologie und Vorgeschichte Westens"; "Anzan-Reich und Volk des Alten Elams"; "On the Geographical Situation of Saparda;" Volume (in the form of charts) on Scandinavian Literature, representing the University of South Dakota at the World's Fair, Chicago (every page in his own handwriting, considered a remarkable presentation of the subject); *Nogle ord om Vinlandsforskningen*, booklet, Madison, Wis., 1908; *Sylvester Sivertsson*, a biography, Eau Claire, Wis., 1909; *Erik O. Hagen*, biography of his father, 93 pp., Madison, Wis., 1909; *Det Fortryllede Fjeldvand*, poem, 31 pp., 1913; *Stenspranget*, poem, 32 pp., 1915. Possessor of a rare library, a

large part of which, with numerous manuscripts of his own, was consumed by a fire which destroyed his home. **Biography in History of Dunn County, Wisconsin**; University of Wisconsin *Alumni Directory*, 1919; and in numerous newspapers. **Born** in Skiaker, Gudbrandsdalen, Sept. 28, 1850; came to Eau Claire, Wis., 1869; died at Meriden, Wis., Jan. 1, 1927; son, Odin Einar Hagen, is about to enter college.

**HAGEN, OLE O.**, Lieutenant Commander, U. S. Navy. Instructor in Electrical Engineering and Physics, United States Naval Academy, Annapolis, Md., 1919-21.

**HAGEN, ROY MAXWELL**, B.S.A., University of California, 1915. Assistant Professor of Agricultural Extension, University of California, 1918-21. Assistant in Agricultural Extension, University of California, 1915-17; Instructor, same, 1917-18; became Secretary, California Cattlemen's Association, 1921; later Managing Director, Western Cattle Marketing Association, San Francisco; now Assistant Manager, Sun-Maid Raisin Growers, Fresno, Calif. **Member**, Alpha Zeta. **Biography in Rus**, 1920, 1930. **Born** in Lincoln, Neb., June 20, 1893.

**HAGEN, SIVERT NIELSON**, A.B., Luther College, 1896; Ph.D., Johns Hopkins University, 1900. **Professor of English**, Franklin and Marshall College, Lancaster, Pa., 1924 to date. Fellow in English, Johns Hopkins University, 1899-1900; Instructor in English, State University of Iowa, 1900-05; Instructor in English and German, Vanderbilt University, 1906-08; Assistant Professor of English Philology and German, Vanderbilt University, 1908-16; Graeff Professor of English, Gettysburg College, 1916-24. **Author** of various articles in *Modern Language Notes*, *Arkiv for Nordisk Filologi*, *Maal og Minne*, *Danske Studier*, *Modern Philology*, and other journals. **Member**, Modern Language Association of America; American Association of Uni-

versity Professors; Norwegian-American Historical Association; Clisosophic Society. **Biography in School Calendar**, 1924; *Johns Hopkins Half-Century Directory*, 1926. **Born** at Milan, Minn., Sept. 4, 1872; father came from Rödäl, Hordaland fylke; mother from Sogn.

**HAGEN, T. H.**, Instructor in Didactics, Sioux Falls College, Sioux Falls, S. Dak., 1910-14.

**HALL, JOHN OSCAR**, A.B., University of Denver; A.M., *ibid.*; Ph.D., Columbia University; LL.D., Research University. **Professor and Head of the Department of Public Speaking**, Willamette University, Salem, Ore., 1925 to date. Dean and Acting President of the Norwegian-Danish Theological Seminary, Evanston, Ill., 1909-12; Professor and Head of the Department of Social Science, Willamette University, 1915-18; Dean of the Graduate School, Research University, Washington, D. C., 1921-23; also Chief of Accounts and Statistical Expert, Ordnance Department, Washington, D. C., 1918-20; Special Assistant Comptroller, United States Shipping Board, 1920-21. **Author**: *When I was a Boy in Norway*, Lathrop Lee & Co., Boston; *A Sociological Study of Ibsen's Influence on the Stage and Playwrights*, thesis for Ph.D.; *Public Speaking*, text-book in preparation. Lecturer, Norse-American Centennial, Minneapolis, 1925; Roald Amundsen Memorial Services, Portland, Ore., 1928, and on numerous other occasions. Awarded Diploma for "Excellent Service," Ordnance Department, Washington. **Member**: American Philological Association; Historica Society; Norwegian-American Historical Association; Oregon Authors' Club. **Biography in Who's Who in Oregon**, 1929-30. **Born** in Lom, Gudbrandsdalen; came to the United States at the age of 20.

**HALLAND, AGNES LEONORE**, B.S., in H.E., North Dakota Agricultural College, 1911. **Instructor in Home Economics**, South Dakota State College of Agriculture and Mechanic Arts, Brookings,



**S. Dak., 1916-17.** Instructor and Extension Lecturer, State Agricultural High School and Normal, McIntosh, Minn., 1911-13; Supervisor of Home Economics, Public Schools, Lewiston, Ida., 1913-14; Supervisor of Home Economics, Public School, Bemidji, Minn., and Extension Lecturer in Home Economics, Beltrami County, Minn., 1914-15.

**HALLAND, JOHN G., A.B.,** Luther College, 1884; A.M., *ibid.*, 1888; Graduate Work, Chicago School of Psychology. Professor of History, Political Science, and Education, North Dakota Agricultural College, Fargo, N. Dak., 1903-10. Teacher of History, German, and Latin, Luther College, 1887-89; Principal, Bruflat Academy, Portland, N. Dak., 1889-92 (the first Principal of this academy); County Superintendent of Schools, Traill County (Hillsboro), N. Dak., 1892-96; State Superintendent of Public Instruction, N. Dak., 1897-1901; publisher and editor of *Normanden*, Grand Forks, N. Dak., 1925-27. In charge of Summer Courses for Teachers, 1900-15. **Author:** North Dakota State Biennial Report, Superintendent of Public Instruction, 1898, 1900; also numerous educational circulars, and contributions to the press. As State Superintendent of Public Instruction formulated a plan of instruction for grade schools which in a slightly modified form was later enacted into law; established traveling libraries for schools and summer courses for teachers; secured a thorough revision of the School Laws, particularly those relating to mortgages and taxation; secured State inspection and support of High Schools; and secured the co-ordination of courses given in High Schools, Normal Schools, Agricultural College, and University, with a resultant system of credit for work done in each. Resolution adopted at the State Teachers Convention, Grand Forks, N. Dak., 1900, to the effect that his State Superintendency formed an epoch in the history of education in North Dakota. **Biography in** *School Calen-*

*dar*, 1924; see also *Nordmandsforbundet*, April 1915, pp. 181-192. **Born** in Överhalden, near Trondheim, Nov. 26, 1863; brought to Northwood, Iowa, at the age of two; son, Harold E. Halland, is a distinguished Lieutenant-Commander in the U. S. Navy Air Service Corps.

**HALLINGBY, HELEN RUTH,** see Helen Ruth Hallingby Frost.

**HALLINGBY, O L E,** Ph.B., University of Chicago, 1899; E.M., Michigan College of Mines, 1907. Instructor in Mechanical and Electrical Engineering, Michigan College of Mines and Technology, Houghton, Mich., 1921-22. Formerly Superintendent, La Salle Copper Company, Calumet, Mich.; now Resident of Los Angeles, Calif. **Born** at Osage, Iowa, 1871; father came from Aadal, mother from Lillehammer; five sisters teaching in public schools; brother of Mrs. Helen Frost (q.v.).

**HALVERSON, DONALD LITTLEJOHN, A.B.,** Beloit College, 1915; M.A. in Rom. Lang., University of Wisconsin, 1918. **Adjunct Professor of Romance Languages, Macalester College, St. Paul, Minn., 1916-17.** Instructor in Romance Languages, Macalester College, 1915-16; resigned, 1917, to become Assistant Professor of French at Beloit College, but owing to World War served as Teacher of French to Enlisted Men at University of Wisconsin, 1917-18; in Motor Transportation Corps, U. S. Army, July-Dec. 1918; Instructor in French, University of Wisconsin, 1919-22; Assistant to Business Manager, University of Wisconsin, 1922-24; Director of Dormitories and Commons, University of Wisconsin, 1924 to date. **Author** of two papers read before the American Association of Business Officers. Designer of the kitchen and the serving units in the new men's dormitories and in the new Memorial Union Building, University of Wisconsin. **Born** at Whitewater, Wis., Nov. 29, 1890; paternal grandfather, Gullik Halverson, was born at Valebø; pa-

ternal grandmother born in Skien, came to the United States in 1845.

**HALVERSON, HENRY MARC**, Ph.B., University of Wisconsin, 1915; A.M., University of Iowa, 1918; Ph.D., Clark University, 1922. Professor and Head of the Department of Psychology, University of Maine, Orono, Me., 1922-26. Research Assistant in Psychology, State University of Iowa, 1917-20; Research Assistant in Psychology, Clark University, 1920-22; Research Associate in Experimental Psychology, Psychoclinic, Yale University, 1926 to date, with the rank of Assistant Professor, 1926-27, and Associate Professor since 1927. Author of various papers on subjects related to audition published in scientific journals. Member: American Psychological Association; Sigma Xi. *Biography in American Men of Science*, 1927; *Who's Who in the East*, 1930; *Who's Who in American Education*, 1930. Born at Stevens Point, Wis., Aug. 4, 1885; father was born in Norway, mother in Wisconsin.

**HALVERSON, JOHN OLIVER**, A.B., University of Minnesota, 1906; B.S., *ibid.*, 1907; M.A., University of Missouri, 1913; Scholar, Yale University, 1913-14; Ph.D., Jefferson Medical College, 1916. Lecturer in Physiological Chemistry, Queen's University, Kingston, Ontario, Canada, 1915-16. Assistant Chemist, Dairy Investigations, State of Missouri, 1908-09; Deputy State Dairy Food and Drug Commissioner, Missouri, 1910-13; Assistant in Physiological Chemistry, Jefferson Medical College, Philadelphia, 1914-15; Acting Chief in charge of Nutrition Investigations, Ohio Agricultural Experiment Station, 1917-19; Chemist in charge of Nutrition Investigations, North Carolina Agricultural Experiment Station, and North Carolina State Department of Agriculture, Raleigh, N. C., 1920 to date. Author: *The Mineral Metabolism of the Milch Cow* (with others), Ohio Agricultural Experiment Station Bulletin 330, 1918; *The Utilization of Calcium Compounds in Animal Nu-*

*trition* (with E. B. Forbes), Ohio Agr. Exp. Sta. Bull. 347, 1921; "Modified Babcock for Fat in Sweetened Dairy Products—Ice Cream," *Journal of Industrial and Engineering Chemistry*, V, May 1913; "Sampling Ice Cream," *ibid.*, V, May 1913; "A Critical Study of the Factors Causing the Modified Babcock to Run Lower on Ice Cream than the Rose-Gottlieb Method," *ibid.*, V, No. 6, June 1913; "The Preparation of N/100 Permanganate Solution" (with Olaf Bergeim), *ibid.*, 10, Feb. 1918; "The McCrudden Gravimetric Calcium Method Modified" (with J. A. Schulz), *ibid.*, 12, 1920; "A Metabolism Study of Goiter" (with Olaf Bergeim and Philip B. Hawk), *Archives of Internal Medicine*, XVIII, Dec. 1916, pp. 800-829; "The Calcium Content of Cerebrospinal Fluid, particularly in *Tabes Dorsalis*" (with Olaf Bergeim), *Journal of Biological Chemistry*, XXIX, March 1917; "The Calcium Content of the Blood Serum in Certain Pathological Conditions" (with Henry K. Mohler and Olaf Bergeim), *ibid.*, XXXII, 1917; "The Determination of Small Amounts of Calcium, particularly in Blood," (with Olaf Bergeim), *ibid.*, XXXII, 1917, pp. 159-170; "Alkali Reserve of Swine as affected by Cereal Feeding and Mineral Supplements" (with E. B. Forbes and J. A. Schulz), *ibid.*, XLII, 1920; "Calcium in the Blood in Tuberculosis" (with Henry K. Mohler and Olaf Bergeim), *Journal of American Medical Association*, LXVIII, 1917, 1309-1311; "A Study of the Action of 10% Chloroform Preservative on the Chlorine Content of Wine" (with J. A. Schulz), *Journal of American Chemical Society*, XLI, 1919; "The Modified Benedict Method for the Estimation of Sulfur in Feeds, Feces and Foods," *ibid.*, XLI, 1919; "Chemical Composition of Okra Seed" (with B. Naiman), *Journal of Oil and Fat Industry*, III, Nov. 1926; "The Status of the Cottonseed Meal Injury Problem," *ibid.*, April 1927. Member: American Chemical Society; Society of Animal Production; North Carolina Academy of Science; Fellow, American Association for the Advancement of Science. *Biography in*



*Rus*, 1925, 1930; *American Men of Science*, 1927. Born at Linden, Minn., Jan. 17, 1880; father came from Skien; mother, American born of Swiss parentage.

**HALVORSON, HALVOR O.**, Assistant Professor of Bacteriology, University of Minnesota, Minneapolis, Minn., 1929—.

**HAMMER, JENNIE OLENA TWETTEN** (Mrs. J. M. Hammer), Ph.B., University of Wisconsin, 1915; Work for M.A., Columbia University, practically completed. Instructor in Rural Education, Nebraska State Teachers College, Kearney, Neb., 1917-19. Teacher in Rural Schools, Polk County, Wis., 1899-1903; Principal of Schools, Polk County, Wis., 1904-07; Teacher of English, High School, Grantsburg, Wis., 1909-12; Teacher of English, Stanley (Wis.) High School, 1913-14; Teacher, Rural Training School, Reedsburg, Wis., 1914-17; Head of Rural Training Department, High School, Chipewewa Falls, Wis., 1919-20; Supervisor of Grades, Waukesha, Wis., 1920-21. Author of several articles in *The Nebraska Teacher*, 1917-19; also many articles in County papers. Delivered addresses at State Rural Life Conference, Kearney, Neb., 1917; County Institutes for Teachers, Wisconsin and Nebraska; Parent-Teachers meetings; in County Red Cross Drives; Rural Schools Consolidation Drives; for Women's Christian Temperance Union; and before Women's Federated Clubs. Born at Laketown, Polk County, Wis., 1880; father, S. K. Twetten, came from Övre Telemarken; mother, from Land parish; on father's side, distantly related to the poet, Aasmund Olafsen Vinje; two sisters have been teachers in the Public Schools.

**HAMRE, CHRISTOPHER JOHN**, B.A., St. Olaf College, 1923; M.A., University of Wisconsin, 1927. Instructor in Zoology, University of Wisconsin, Madison, Wis., 1929—. Formerly Instructor in Zoology, Milwaukee Center Extension Division, University of

Wisconsin. Home, Blue Earth, Minn.

**HANSEN, AUGUST J.**, B.S., Agricultural College of Utah, 1911. Head of the Department of Woodwork, Agricultural College of Utah, Logan, Utah, 1897 to date. Assistant Instructor in Woodwork, Agricultural College of Utah, 1896-97; Instructor in Woodwork and Head of the Department, same, 1897-1913; Assistant Professor of Carpentry and Woodwork and Head of the Department of Woodwork, same, 1913-17; Associate Professor and Head of the Department, same, 1917 to date. The Department of Woodwork embraces carpentry, house-building, wood-turning, patternmaking, and finishing. Author of various articles. Member, American-Scandinavian Foundation. Born in Enebak (now Prestaa), Akershus fylke, near Oslo; completed apprenticeship as cabinet maker in Norway, and came to the United States at the age of 20; traveled throughout Europe in 1910.

**HANSEN, CONRAD JOHAN**, A.B., University of Minnesota, 1919; Student, University of Paris, 1919; Graduate Work, Y. M. C. A. College, Chicago, 1919-20. Part-time Instructor in Social Service, Macalester College, St. Paul, Minn., 1923-25. 2nd Lieutenant of Infantry, with 88th, 33rd, 76th, and 77th Divisions, United States and France, 1917-19, participating in the Argonne-Meuse Campaign; Americanization Secretary, Y. M. C. A., St. Paul, Minn., 1920-26; Travel and Study in Mexico and South American countries, 1926-27; General Secretary, Y. M. C. A., Santiago, Chile, South America, Feb. 1927-1931. Member: Pi Gamma Mu (national social science society); Rotary Club of Santiago, Chile. Born in Minneapolis, Minn., Nov. 30, 1895; paternal grandparents, Sivert Christian and Marit (Medgrund) Hansen, were born in Flekkefjord and Gudbrandsdalen, respectively; father, Carl G. O. Hansen, Editor-in-Chief of *Minneapolis Tidende* and Director of the

Norwegian Glee Club, Minneapolis, was born in Trondheim; maternal grandparents, Aaron Henrik and Johanna Edsten, were born in Bohuslen and near Halden, respectively, and came to the United States from Sarpsborg about 1870; brother, Erling Hansen, is with the State Department of Weights and Measures, St. Paul; another brother, Dr. Arild E. Hansen, has been a Member of the Faculty of the University of Minnesota and Pediatrician at the Sivertsen Clinic, Minneapolis, since 1926 (study and travel in Europe, including Norway, 1929); sister, Mildred B. Hansen, was Teacher and Head of the Kindergarten Department, Santiago College, Santiago, Chile, for several years to 1931.

**HANSEN, EINAR AUGUST**, A.B., St. Olaf College, 1920; A.M., University of Illinois, 1922; Ph.D., State University of Iowa, 1925. Associate Professor of Education, Ohio University, Athens, Ohio, 1928 to date. In U. S. Army (Sergeant, 1st Gas Regiment, participating in engagements of St. Mihiel, Argonne Forest, and Verdun Sector), 1918-19; Instructor in English, St. Olaf College, 1920-21; Scholar in Education, University of Illinois, 1921-22; Instructor in English, Waldorf College, Forest City, Iowa, 1922-23; Scholar in Education, State University of Iowa, 1923-24; Training Teacher, Central Michigan Normal School, Mt. Pleasant, Mich., 1925-26; Assistant Professor of Education, Ohio University, 1926-28. **Author:** *The Effect of Certain Changes in Punctuation on Comprehension* (thesis for Ph.D.), College of Education Bulletin, State University of Iowa, 1929. **Member:** National Society for the Study of Education; National Education Association; Kappa Delta Pi (hon. educ. frat.); Phi Delta Kappa (prof. educ. frat.) **Biography in School Calendar**, 1924. Born in Chicago, Ill., Aug. 11, 1895; parents came from Bergen.

**HANSEN, ERLING WILHELM**, B.S., University of Minnesota, 1913; M.D., University of

Minnesota, 1915; Certificate, American Board of Ophthalmic Examinations; F.A.C.S. Assistant Professor of Ophthalmology and Otolaryngology, University of Minnesota, Minneapolis, Minn., 1928—. Captain, Medical Corps, 1st Division, U. S. Army, France, World War (awarded the French Croix de Guerre, July 1918); Assistant in Ophthalmology and Otolaryngology, University of Minnesota, 1919-23; Instructor, same, 1923-28; Physician and Surgeon, Minneapolis; Member and Secretary of Staff, Northwestern Hospital; Consultant in Ophthalmology and Otolaryngology, Glenn Lake Sanitarium. **Author:** "Carcinoma of the Mixillary Antrum," "Etiology of Iritis," and other medical papers. Secretary-Treasurer, Hennepin County Medical Society; Fellow, American College of Surgeons. Born in Minneapolis, Minn.; parents, Martin and Maren (Field) Hansen, were born in Oslo.

**HANSEN, GUDRUN FJELDE**, B.A., University of Minnesota, 1924; Student in Switzerland, Summer, 1929. Director of the School of Music, Waynesburg College, Waynesburg, Pa., 1929—. Head of the Piano Department, Waynesburg College, 1927-29. Awarded the Fountainbleau Scholarship, 1924; honorary American-Scandinavian Foundation Fellowship, 1925. Born in Minneapolis, Minn.; parents, Mr. and Mrs. J. Martin Hansen of Minneapolis, came from Aalesund; cousin of Olaf S. Fjelde (q.v.), and Paul Fjelde (q.v.).

**HANSEN, HARALD M.**, Diploma, Royal School of Art, Oslo, 1867; Norwegian Government Scholar in Architecture, Berlin, 1868-70. Instructor in Architecture and Free Hand Drawing, University of Illinois, Urbana, Ill., 1871-72. Architectural Draftsman with W. S. B. Jenney, Chicago, 1870-71; Architect and Superintendent of Buildings, Chicago, 1872-1916 or longer. **Biography in Strand's History of the Norwegians of Illinois**, Chicago, 1905. Born in Oslo, March 21, 1847; came to the United States in 1870.



**HANSON, ALYDA CAREN**, B.S., University of Chicago, 1915; Work for Ph.D. practically completed. **Instructor in Geography, Chicago Normal College, Chicago, Ill., 1921 to date.** Instructor in Geography, Eastern Illinois State Teachers College, Summer Session 1915; Assistant in Geology, Wellesley College, 1915-17; Scholar, University of Chicago, 1917-18; Assistant in Geology, University of Illinois, 1918-20; Instructor in Geography, University of Illinois, 1920-21. **Author** of various articles published in *Chicago Schools Journal* and *Report of the Illinois High School Teachers Conference*; also papers read at various teachers' meetings; book reviewer for *Chicago Schools Journal*. **Member:** National Geographic Society; Chicago Geographical Society; National Council of Geography Teachers; Illinois State Teachers Association; Chicago Normal College Faculty Association. **Born** at Freesoil, Mich., Oct. 25, 1892; father came from Kongsberg; mother, from Drammen; among relatives in educational work are Dorothy Spring Deane, Teacher of Art, Seattle (Wash.) High School, and Madeleine Hansen, Instructor in Domestic Science, Maryville (Tenn.) College.

**HANSON, CARL M.**, A.B., Iowa State Teachers College; A.M., Columbia University, 1923; Work toward Ph.D., University of Chicago. **Professor and Head of the Department of Education and Psychology, Lombard College, Galesburg, Ill., 1924 to date.** Supt. of Schools, Farnhamville, Iowa, 1915-18; Service overseas and with Army of Occupation; Supt. of Schools, Kanawha, Iowa, 1921-22; on faculty of Morningside College, 1923-24. **Author** of various articles in *Elementary School Journal* and in *Journal of Educational Method*, and papers read before educational organizations. Has delivered numerous lectures and addresses at teachers' gatherings. Organized teacher training in the public schools of Galesburg, Ill. **Member** of the following honorary fraternities: Phi Delta Kappa (graduate scholarship in

education); Delta Sigma Rho (for-  
ensic); Phi Kappa Phi (scholar-  
ship); Phi Gamma Mu (social sci-  
ence). **Biography** in *Who's Who in American Education*, 1928, and 1930, p. 718. **Born** at Waukon, Iowa; par-  
ents came from Nordre Land.

**HANSON, ELMA MAY**, Graduate, Pratt Institute, Brooklyn, 1906; Student, Teachers College, Columbia University. **Professor and Director of the Department of Home Economics, Milwaukee-Downer College, Milwaukee, Wis., 1906-10;** Professor of Home Economics, Drake University, 1911-17; now Teacher in Jr. High School, Kalamazoo, Mich.

**HANSON, FLORENCE N.**, A.B., Penn College, 1897; A.M., Penn College, 1899; Student, Universities of Paris and Heidelberg; A.M., University of Chicago, 1928. **Dean of Women and Instructor in Religious Education, Wilmington College, Wilmington, Ohio, 1928—.** Formerly Teacher in Grade and High Schools; Dean of Women and Instructor in French and German, Earlham College, 1908-09; General Secretary, Young Women's Christian Association, and engaged in Religious Education Work, many years. Assisted father in preparation of his book, *Light and Shade from the Land of the Midnight Sun*, 1903. Winner of two literary prizes at college. **Charter member**, American Association of University Women. **Born** near Earlham, Iowa, Aug. 18, 1870; father, the late Rev. John Frederick Hanson, known throughout the United States because of his work for Prohibition and Peace, and well known in Norway, Denmark, Sweden, England, and the United States as a Pastor in the Friends Church, was born in Stavanger; several nieces and nephews are teaching in High Schools.

**HANSON, HERBERT CHRISTIAN**, A.B., University of Minnesota, 1914; A.M., University of Nebraska, 1916; Ph.D., University of Nebraska, 1925. **Professor and Head of the Department of Botany,**

**North Dakota Agricultural College, Fargo, N. Dak., 1930—**. Instructor in Botany, University of Colorado, 1919-21; Assistant Professor of Botany, University of Arizona, 1921-23; Instructor in Botany, University of Nebraska, 1923-26; Associate Professor of Botany, Colorado Agricultural College, 1926-30; also Investigator in Ecology for Carnegie Institution of Washington, 1923—; Associate Botanist, Colorado Agricultural Experiment Station, Fort Collins, 1926-30; Botanist, North Dakota Agricultural Experiment Station, Fargo, 1930—. **Author:** *Vegetation of Northeastern Arizona*, University of Nebraska Studies 1925; *Revegetation of Waste Range Lands*, Colorado Agricultural College Bulletin, 1927; *Plant Competition; An Analysis of Community Functions* (with Clements and Weaver), 340 pp., Carnegie Institution of Washington Publication No. 398, Washington, D. C., 1929; also numerous ecological papers. **Member:** Botanical Society of America; Ecological Society of America; American Association of University Professors; Sigma Xi; Fellow, American Association for the Advancement of Science. **Biography in** *American Men of Science*, 1927. **Born** at Faribault, Minn., April 19, 1890; father came from Oslo; mother from Vossevangen.

**HANSON, JAMES CHRISTIAN MEINICH, A.B.**, Luther College, 1882; Graduate Student, Cornell University, 1888-90; LL.D., Luther College, 1931. **Professor of Library Science, University of Chicago, Chicago, Ill., 1928—**. Teacher, Chicago, 1884-88; Andrew Dickson White Fellow in History, Cornell University, 1889-90; Cataloger and Classifier, Newberry Library, Chicago, 1890-93; Chief of Catalog Department, University of Wisconsin Library, 1893-97; Chief of Catalog Division, Library of Congress, Washington, D. C., 1897-1910; Associate Director of Libraries with rank of Professor, University of Chicago, 1910-27; Acting Director of Libraries, University of Chicago, 1927-28; Member of the Carnegie Commission for the reorganization of the Vatican Library, Rome, Feb.-May, 1928 (in

charge, April-May); Lecturer on Library Science, Columbia University and New York University, March-April, 1929. **Author:** "The History of the University Library of Christianity, 1811-1911: A Review," *Papers of the Bibliographical Society of America*, Vol. VII, Nos. 1-2, 1912-13; Sketch of Prof. J. E. Olson, in *Scandinavian Studies and Notes*, 1925; "Library of Congress and its new Cataloguing System: Some Unwritten History," in *Festschrift* issued in honor of Dr. Herbert Putnam on his completion of 30 years' service as Librarian of Congress, April 5, 1929; also about 75 other articles contributed to the *Library Journal*, *Libraries*, *Public Libraries*, *Zentralblatt für bibliothekswesen*, *Papers of the Bibliographical Society of America*, *Valders Helsing*, *Valders Samband*, *Decorah-Posten*, *Amerika*, *Skandia*, and other newspapers, journals, and bibliographical and library publications, since 1894. **Associate editor, The Library Quarterly** (a new journal established by the Graduate Library School of the University of Chicago), 1930—; Chairman of the Editorial Board for the newly-established *Journal of Discussion* (appointed by the President of the American Library Association, which sponsors the journal), 1930—. **Compiler, editor and co-author. Anglo-American Catalogue Rules**, 1908. "Devised the card and catalogue systems which are now standard throughout the world." *School and Society*, Dec. 8, 1928. **Member:** American Library Association; Bibliographical Society of America; Kappa Sigma; Chairman, Advisory Catalog Committee, American Library Association, 1900-10. Awarded the Storkors of Fanitullen (society in Oslo). Commander, II Class, Order of St. Olav. **Biography in** *International Who's Who*, New York, 1912; *School Calendar*, 1924; *Who's Who Among North American Authors*, 1925, 1927-28, 1929-30; *Who's Who in America*, since 1906-07 ed. **Born** in Nordre Aurdal, Valdres, May 13, 1864; came to the United States in Aug. 1875; father was born in Nordre Sand; mother, in Namdalen; great-grandfather, Major Adam Beck (died, Vestre



Slidre, Valdres, 1818), led the Valdres Battalion during the war against Sweden, 1808 and 1814.

**HANSON, MARGUERITE**, B.S. in Art, Columbia University, 1921; M.A. in Art, Columbia University, 1926. **Assistant Professor of Fine Arts, Connecticut College, New London, Conn., 1930—**. Supervisor of Drawing, Public Schools, Baldwin, Long Island, N. Y., 1920-22; Instructor of Design, Buffalo State Teachers College, Buffalo, N. Y., 1924-30; also Councillor, Quinbeck Camps, Summers 1919, 1920, 1921; Extension Teaching, University of Buffalo, 1927; Instructor, Oregon Summer School of Art, Ashland, Ore., Summer 1929. Has given various talks at the College Club and the Young Women's Christian Association, Buffalo, N.Y. Has devised various silk designs. Awarded Honorable Mention in Textile Competition, 1923 and 1926. **Member:** Art Alliance of America; Eastern Art. **Born** in Philadelphia, Pa., Nov. 6, 1898; father came from Bergen.

**HARSTAD, OLIVER BERNHARD**, A.B., Luther College, 1914. **Member of Faculty, Concordia College, St. Paul, Minn., 1923(?)**-29. Teacher of Latin and German, Luther Academy, Albert Lea, Minn., 1914-19; Principal of High School, Mohall, N. Dak., 1919-20; Supt. of Schools, McVie, N. Dak., 1920-?; Teacher, Bethany College, Mankato, Minn., 1929—. **Born** at Mayville, N. Dak.; father, Rev. B. A. Harstad, was born at Valle, Setesdalen, served as pastor at Mayville, N. Dak., 1874-91, at Parkland, Wash., since 1891, founded Bruflat Academy, Portland, N. Dak., 1889, founded Pacific Lutheran Academy, Parkland, Wash., 1894, and served as teacher in the latter academy, 1894-1906 and 1913-15; brother, S. George Harstad, has been a teacher in private and public schools since 1910 (see *School Calendar*, 1924).

**HASLERUD, EDWIN J.**, B.A., Red Wing Seminary, 1915; B.S., University of Minnesota, 1921. **Instructor in Animal Husbandry,**

**Montana State College, Bozeman, Mont., 1922-25.** Specialist in Dairy Husbandry, Agricultural Extension Division, University of Minnesota, 1918-19; County Agricultural Agent, Sanders County (Thompson Falls), Mont., 1925-27; County Agricultural Agent, Ward County (Minot), N. Dak., 1927-29; Dairy Specialist, North Dakota Extension Service, 1929—. **Born** at Peterson, Minn.

**HAUGAN, HAROLD W.**, B.S., University of North Dakota, 1925; M.S., *ibid.*, 1927; Add. Graduate Work, University of Chicago, 1928-29. **Instructor in Chemistry, University of North Dakota, Grand Forks, N. D., 1927-28.** Formerly Assistant in Chemistry, University of North Dakota. **Author:** Research article (with G. A. Talbert), *American Medical Journal*, Sept. 4, 1926; "Preparation of New Methyl Orange Derivatives," paper presented to North Dakota Academy of Science, Fargo, N. Dak., 1926; "The History of the Friedland and Crafts Reaction," paper read before Scientific Seminar, University of North Dakota; "Preparation of Nineteen New Indicators," paper read before North Dakota Academy of Science, Fargo, N. Dak., May 4, 1928. Baritone soloist with University of North Dakota Band; Winner of North Dakota State Male Voice contest sponsored by the National Federation of Music Clubs, 1927; Winner of Second Prize, Minnesota-North Dakota-South Dakota-Montana District Contest, sponsored by the National Federation of Music Clubs, Minneapolis, 1927. **Born** in Stoughton, Wis., June 17, 1902; father, Rev. Paul J. Haugan, Supt. of Red River Valley District, Norwegian-Danish M. E. Conference, 8 years, came from Trondheim; mother's parents from Skien.

**HAUGE, SIGFRIED M.**, B.A., St. Olaf College, 1918; M.S., University of Minnesota, 1921; Ph.D., University of Minnesota, 1926. **Instructor in Agricultural Biochemistry, University of Minnesota, Minneapolis, Minn., 1922-23.** Assist-

ant in Agricultural Biochemistry, University of Minnesota, 1921-22; Assistant in Animal Nutrition, later Research Associate in Biochemistry, now Associate Biochemist with the rank of Assistant Professor, Purdue University Agricultural Experiment Station, Lafayette, Ind. **Author:** *Soy Bean Oil Meal in Rations for Laying Pullets* (with A. G. Phillips), Purdue University Agricultural Experiment Station Bulletin No. 293, 1925; "Presence of the Antiscorbutic Substance in the Livers of Chickens Fed on Scorbutic Diets" (with C. W. Carrick), *Journal of Biological Chemistry*, 63, 1925; "The Antiscorbutic Properties of Eggs" (with C. W. Carrick), *ibid.*, 64, 1925; "A Differentiation between the Water Soluble Growth-Promoting and Antineuritic Substances" (with C. W. Carrick), *ibid.*, 69, 1926; "The Antiscorbutic Vitamin in Poultry Nutrition" (with C. W. Carrick), *Poultry Science*, 5, 1926; "The Effects of Cod Liver Oil upon the Flavor in Poultry Meat" (with C. W. Carrick), *ibid.*, 5, 1926; "Fat Soluble a Requirement for Growing Chicks" (with C. W. Carrick), *ibid.*, 6, 1927; "A Milkless, Gritless, All-Mash Ration for Growing Chicks" (with C. W. Carrick and R. W. Prange), *ibid.*, 6, 1927; "The Study of the Protein in a Commercial Meat Product" (with R. W. Prange and C. W. Carrick), *ibid.*, 6, 1927; "Growth Values of Proteins from Commercial Animal Products" (R. W. Prange and C. W. Carrick), *ibid.*, 7, 1928; "Effect of pH on Adsorption by Carbons" (with J. J. Willaman), *Industrial and Engineering Chemistry*, 19, 1927. **Member:** American Chemical Society; American Association for the Advancement of Science; Sigma Xi (honorary scientific society); Phi Lambda Upsilon (honorary chemical society). **Biography in** *American Men of Science*, 1927; *Index Biologorum*. **Born** at Estherville, Iowa, May 3, 1895; father came from Sande, near Drammen; mother's parents from Ness, Hallingdal; brother, Philip E. Hauge, has been on the faculty of Pacific Lutheran College, Parkland, Wash., since 1920.

**HAUGEN, C. O.**, B.A., University of North Dakota, 1926; M.S., *ibid.*, 1927; M.D., Rush Medical College, University of Chicago, 1930. **Assistant Professor of Anatomy, University of North Dakota, Grand Forks, N. Dak., 1930—** Physician and Surgeon, Iowa, June-Sept. 1930. **Author:** "Chlorides," *American Journal of Physiology*, June 1926; "Amino-Acids," *ibid.*, July 1927 (these two papers being a simultaneous study of the constituents of the blood, urine, sweat, gastric acidity, etc). **Member:** Phi Alpha Epsilon, University of North Dakota; Sigma Xi, University of North Dakota; Alpha Kappa Kappa, Nu chapter, Rush Medical College. **Born** at Honeyford, N. Dak., Dec. 16, 1904; parents came from Bergen; brother, I. J. Haugen, formerly a teacher, is now senior student, Rush Medical College; brother-in-law, E. J. Taintor, is Supt. of Agricultural School, Park River, N. Dak.; cousin, Clifford Johnson, is engineer to the State Highway Commission, Bismarck, N. Dak.; another cousin, Arthur Johnson, is civil engineer in Seattle, Wash.; sister, Mrs. E. J. Taintor, was formerly a teacher; the following cousins are or have been in educational work: Guanhilda Haugen, Arvilla, N. Dak.; Mary Haugen, Honeyford, N. Dak.; Mrs. Tannahill, Thompson, N. Dak.; Clara Johnson, Thompson, N. Dak.; Mabel, Ruth, Josie, and Florence Rasmussen, Meckinock, N. Dak.

**HAUGSETH, A N D R E W JOHN**, Instructor in Drawing and Painting, University of Nebraska, Lincoln, Neb., 1921-24.

**HAUKANESS, LARS**, Pupil of Knut Bergslien, Christian Krohg, Erik Werenskjold, and Fritz Thaulow, Oslo, 1882-88. **Head of the Department of Art, Provincial Institute of Technology and Art, Calgary, Alberta, Canada, 1925-29.** **Member of Faculty of the Winnipeg School of Art, Winnipeg, Canada, 1923-25.** **Artist, with studios in Chicago, Ill., Madison, Wis., and Winnipeg, Canada, since 1890.** **Exhibited at** Statens Høststudstilling,



Norway; Art Institute, Chicago; Hotel Radisson, Minneapolis; Paris Salon, and numerous other places. **Paintings:** "La Debacle de Desplaines" (the breaking up of the Desplaines River, near Chicago), exhibited at the Lake Front Museum of Art, Chicago, June 1902, and at the Paris Salon, France; "Evening at Lake Fox," exhibited at the Lake Front Museum of Art, Chicago, June 1902; "March Thaw," awarded prize at Chicago Norwegian Club Art Exhibition, 1923; "Moonlight," now in P. Palmer's art collection; "Lake Louise," now owned by the Academy of Art of Calgary, Alberta; "White Poplars," "Frithjof the Bold," "The Muskrat Hive," "The Yacht Race," "Lake Michigan," "Harvest Study," "Hardangervidden," "Rocky Mountains," "On the Eve of Autumn," "The Home Coming," and numerous other landscapes, portraits and marine paintings. His painting of the Hardangerfjord "led to the formation in Minneapolis of a permanent gallery of Scandinavian art, and to the creation of a permanent fund from which representative works of Scandinavian masters might be purchased from year to year" (see *Minneapolis Journal*, Dec. 7, 1913, and *Winnipeg Evening Tribune*, Oct. 30, 1924). **Author:** *The Norsemen's Vinland*, 1928. **Biography**, with comments on his paintings, in *The Art News*, New York, and in numerous newspapers in the United States and Canada. **Born** in Hardanger, 1862; went to Oslo to study art at the age of 20; awarded the Finnes Stipend by the Norwegian government; came to Chicago in 1888; died at Banff, in the Canadian Rockies, 1929; uncle, Thrond Haukaness, was a well-known collector of folk-tales; brother, John Haukaness, is a Teacher and Historian of Hardanger; nephew, K. H. J. Orm, is on the editorial staff of *Norden*, a magazine published in Chicago.

**HAWKINSON, SARA ANDERSON** (Mrs. Carl W. Hawkinson), B.E., Bethany College (Kans.), 1918; Student, Columbia College of Expression, Chicago,

1922. **Head of the Department of Expression and Oratory, Midland College, Fremont, Neb., 1921-27.** Listed in *Key's Music Yearbook*, 1926-27. **Born** in the United States; father, Christian Anderson, came from (Rastad?) Skotterud in 1871(?); mother English; cousin, Dr. Axel Johnson (Ph.D., University of Wisconsin, 1911), was recently Superintendent of Indian Reservation, Nebraska.

**HEGGE, THORLEIF, G.**, Student, University of Gottingen; Ph.D., university of Oslo. **Member of Psychology Faculty, George Peabody College for Teachers, Nashville, Tenn., 1927-28.** Professor of Psychology, University of Oslo, and Professor of Education, Agricultural College, Aas, Norway. **Author:** *Psychology of Learning*; "Zur analyse des lernens mit sinnvoller verknüpfung," *Zeitschrift für psychologie und physiologie der sinnesorgane*, Leipzig, 1927.

**HEIMARK, JULIUS J.**, B.A., St. Olaf College, 1912; M.A., Galaudet College, 1913; M.B., University of Minnesota, 1919; M.D., *ibid.*, 1920. **Instructor in Chemistry, Galaudet College, Washington, D. C., 1912-13;** Instructor in Biology and Latin, and Physical Director, Galaudet College, 1913-15; Mayo Foundation Fellow in Internal Medicine, 1919-20, 1924-25; Physician, Fargo, N. Dak. **Biography in Physicians of the Mayo Clinic, Saunders Co., Philadelphia, 1927.** **Born** at Clarkfield, Minn., June 7, 1888; father came from Heimark, mother from Storebø, both in Austvoll Parish, near Bergen; cousin, O. H. Heimark, has been President of the Board of Education, Warwick, N. Dak., since 1906.

**HEIMDAL, SARA G.**, See Sara G. Heimdal Van Dusen.

**HEKTOEN, LUDVIG.** A.B., Luther College, 1883; A.M., *ibid.*, 1896; M.D., College of Physicians and Surgeons (University of Illinois), Chicago, 1887; Graduate Work, Universities of Prague, Upsala, Berlin, and Liverpool; M.D.

ad eundem, Rush Medical College, 1896; Hon. M.D., University of Oslo, 1911; Sc.D., University of Michigan, 1913; Sc.D., University of Wisconsin, 1916; LL.D., University of Cincinnati, 1920. **Director of the John McCormick Institute for Infectious Diseases, Chicago, Ill., 1902 to date.** The McCormick Institute, affiliated with the University of Chicago, was founded in 1902 for the study and treatment of scarlet fever and other infectious diseases. In addition to conducting investigative work, the Institute has a small hospital, known as the Durand Hospital. It houses the American Type Culture Collection, which is managed by a representative committee of bacteriologists and microbiologists. Scientific contributions of significance have come from the Institute since its beginning. It was there that scarlet fever was studied by George F. Dick and Gladys H. Dick; their work has resulted in a practical test by means of which it can be determined whether a person is or is not susceptible to scarlet fever, and in a method of making the susceptible person insusceptible, that is, in a method of preventing scarlet fever, as well as in an antitoxic serum for the treatment of scarlet fever. The Institute also publishes the *Journal of Infectious Diseases*, now (in 1931) in its 46th volume, and the *Journal of Preventive Medicine*, now in its 5th volume. Among other positions held by Dr. Hektoen are the following: Lecturer on Pathological Anatomy and Histology, and Curator of the Museum, Rush Medical College, Chicago, 1890-92; Professor of Pathology, College of Physicians and Surgeons (now University of Illinois College of Medicine), Chicago, 1892-94; Professor of Morbid Anatomy, Rush Medical College, 1895-98; Professor of Pathology, Rush Medical College, 1898 to date; Professor of Pathology, Woman's Medical School, Chicago, 1891-97; Professor and Head of the Department of Pathology, University of Chicago, 1901 to date. Also Pathologist to Cook County Hospital, Chicago, 1889-1903; Physician to the Coroner's

Office, Chicago, 1890-94; Member of Illinois Commission to Investigate Occupational Diseases, 1909-11; Consultant, U. S. Public Health Service, 1926 to date. **Author:** *Post-Mortem Technique*, Chicago, 1894; *Introduction to the Study of Infectious Diseases*, in the Osler-McCrae System of Medicine, Lea & Febiger, Philadelphia, 1927; articles on Dr. John Martin Kalberlahn, the first Norwegian medical practitioner in America, and on health conditions and the practice of medicine among the early Norwegian settlers (with Dr. Knut Gjerset), in *Studies and Records*, Publications of the Norwegian-American Historical Association, Vol. 1, 1926; also more than 200 papers on pathology, bacteriology, and immunology published in representative scientific journals of the United States and Europe. Contributor to and co-editor of *American Text-Book of Pathology*, Saunders Company, Philadelphia, 1901. **Editor:** *Durck's Pathologic Histology*, Saunders Company, Philadelphia, 1902; *Contributions to Medical Science* by Howard T. Ricketts, University of Chicago Press, 1911; *Collected Works of Christian Fenger*, 2 vols., Saunders Company, Philadelphia; Editor, *Journal of Infectious Diseases*, 1904 to date; Editor-in-Chief, *Archives of Pathology*, since 1926. **Middleton-Goldsmith Lecturer**, New York Pathological Society, 1906; **Lecturer**, Harvey Society, New York, 1910; **Herter Lecturer**, New York University—Bellevue Hospital Medical College, 1912; **Cutter Lecturer**, Harvard Medical School, 1917; **Jones Lecturer**, University of Oregon, 1920. Among his **contributions to medical science** are the following: The demonstration by human experiments that the cause of measles is present in the blood of the patient in the acute stage of the attack; a pioneer study of bacterial cultures of the blood during life in certain human infectious diseases; a suggestion that, in order to make transfusion of blood a safe procedure, preliminary tests for blood compatibility should be made and the donor selected accordingly, which is now a universal practice; and more recent studies of the so-called immune reactions, with



the result, among others, of improvement in the biologic test for blood for medico-legal purposes. He has been the teacher of many medical men of distinction; has held and holds now positions of trust in various scientific and charitable organizations. "He has been an enormous and indefatigable worker all his life, having given up many of the ordinary social diversions to devote his days and nights to the progress of science." *Clinical Medicine*, Jan. 1926. Listed as "a distinguished American pathologist" in the *New International Encyclopedia*. Classed as one of the leading American pathologists in *American Men of Science* since its first ed. of 1906. "One of the most eminent pathologists and bacteriologists in our country. \* \* \* He has done much valuable work in experimental medicine." Garrison's *History of Medicine*, 1929. **Member:** American Association of Pathologists and Bacteriologists (President, 1901); Society of American Bacteriologists (President, 1929); American Society of Immunologists (President, 1927); Chicago Pathological Society (President, 1898-1902); Institute of Medicine, Chicago (President, 1929); Association of American Physicians; American Medical Association; Chicago Medical Society (President, 1919-21); National Academy of Sciences; American Association for the Advancement of Science (Vice-President, 1909 and 1929); foreign member, Norwegian Medical Society; honorary member: Norwegian Pathological Society; Philadelphia Pathological Society; Swedish Medical Society; Mikrobiologische Gesellschaft, Vienna; Chairman, Division of Medical Sciences, National Research Council, 1924-25, 1926-27. Decorated with the Order of St. Olav, 1929. **Biography** in *Who's Who in America*, since 1901-02 ed.; *Who's Who in Chicago*, since 1905 ed.; *American Men of Science*, since 1906 ed.; *Who's Who in Science—International*, London, 1914; *Chicago Medical Recorder*, Dec. 1919; *Clinical Medicine*, Jan. 1926; *Nordmandsforbundet* (Oslo), July 1926; *Who's Who in American Medicine*, 1925; *Who's Who*, London, 1925, 1928, 1930; *Aschehougs Konversationslek-*

*sikon*, Oslo, 1925; *New International Encyclopedia*, New York; Garrison's *History of Medicine*, 4th ed., Saunders Company, Philadelphia, 1929. **Born** on farm near Westby, Wis., July 2, 1863; father, the late Peter P. Hektoen, a graduate of Asker Normal School, came from Tønset, Østerdalen, to Coon Prairie, Wis., in 1859, served as Treasurer of the Town of Viroqua, served in the State Land Office in Madison, 1884-90, was the first Clerk of the Village of Westby, and a member of the Westby school board; mother, Olave (Theregard) H., came from Ringebu, Gudbrandsdalen; brother, the late Dr. Martin Hektoen, was for 13 years physician to the State Hospital, Kankakee, Ill.; married 1891 Ellen Strandh, Habo, Sweden; son, Josef Ludvig Hektoen, is a practicing attorney.

**HELLAND, MARIE ELFRIEDA JULIE**, B.A., Trinity University; M.A., Boston University. Instructor in Religious Education and Hostess of Drane Hall, Trinity University, Waxahachie, Texas, now and for many years. Formerly Dean of Women, Oakwood Institute, Cincinnati, Ohio; Instructor in History, Trinity University. **Born** in Texas; niece of the late Prof. Amund Helland, Professor of Geology, University of Oslo, editor of the large work, *Norges land og Folk*, internationally known geologist (see *Aschehougs Konversationsleksikon*, Oslo, 1925); father, the late Hans E. H. Helland, born in Bergen, was Vice-President and General Manager of the Fort Worth and New Orleans Railway, 1889-1902; Vice-President and General Manager, Central Texas and Northwestern Railway, 1889-1902; Maintenance of Way Engineer, Houston and Texas Central Railway, 1902-06; Chief Engineer, locating the Panhandle Railway from Hereford to Stanton, and locating the North-South Stephenville Railroad from Stephenville to Thurber, 1906-08; Superintendent of Maintenance of Way, San Antonio and Arkansas Pass Railroad, 1908-13; City Engineer, San Antonio, Texas, 1913-21 (during

which period the city was literally "lifted out of the mud," streets being improved, sewers laid, incinerator and concrete bridges built); President, Texas Section, American Society of Civil Engineers, 1920 (see *Who's Who in Engineering*, New York, 1925). Marie E. J. Helland's brother, Hans R. F. Helland, was Captain of Engineers, U. S. Army, France, in charge of vast lumbering operations, World War, and has been city engineer, highway engineer, and sanitary engineer with Texas State Board of Health (see *Who's Who in Engineering*, 1925).

**HELSETH, EMMA OTHILDE**, B.S., Florida State College for Women, 1915; M.A., Columbia University, 1921; Work for Ph.D., Teachers College, Columbia University, almost completed. **Instructor in Education, Florida State College for Women, Tallahassee, Fla., 1923-28.** Assistant in Training School, Florida State College for Women, 1921-22; Acting Principal of High School, same, 1922-23. **Author:** "Student Teaching at Florida State College for Women" (with Inga O. Helseth), *Kadelpian Quarterly Review*, Vol. VI, No. 1; "Questions for the Teachers" (with Inga O. Helseth), *Bulletin*, Florida State College for Women, Vol. XIX, No. 3. **Member:** National Education Association; Phi Kappa Phi; Kappa Delta Pi; Pi Gamma Mu. **Born** in Minneapolis, Minn.; died (of pneumonia) New York City, Oct. 23, 1928, while completing work for Doctor's degree at Teachers College, Columbia University; father came from Molde; mother from Aenes (?), Solör.

**HELSETH, INGA OLLA**, A.B., Florida State College for Women, 1914; A.M., *ibid.*, 1920; Ph.D., Teachers College, Columbia University, 1926. **Professor of Education and Supervisor of Practice Teaching, Florida State College for Women, Tallahassee, Fla., 1923-29.** Principal of Senior High School, Fort Pierce, Fla.; Instructor in Elementary Education, Florida State College for Women, 1917-20; Assistant Professor of Elementary

Education, same, 1920-23; Associate Professor of Education, Indiana State Teachers College, Muncie, Ind., 1929—. **Author:** *Children's Thinking: A Study of the Thinking Done by a Group of Grade Children when Encouraged to ask Questions about United States History*, issued by Teachers College, Columbia University, as Contributions to Education No. 209, 1926; "What Practice Teaching May Mean to the Student," *Journal of Florida Educational Association*, Vol. IV, No. 4, 1926; "Adapting the Work of the Class to Individual Children," *ibid.*, April 1928; "Opportunity Room," *ibid.*, Vol. 5, Sept. 1928; "The Four Fundamental Arithmetical Processes in Adults," *Mathematics Teacher*, May 1927; "Assignments," *Journal of National Education Association*, Vol. XVI, No. 4, April 1927; "Measuring Practice Teaching," *Journal of Educational Method*, Vol. VII, No. 7, April 1928; also various other articles in educational journals. **Member:** National Education Association; American Association of University Women; National Society of College Teachers of Education; Kappa Delta Pi; Phi Kappa Phi; Pi Gamma Mu. **Born** in Minneapolis, Minn.; resident of Florida since age of nine; sister of Emma O. Helseth (q.v.).

**HENDERSON, LAWRENCE MELVIN**, A.B., St. Olaf College, 1910; A.M., *ibid.*, 1911; Ph.D., University of Chicago, 1916. **Assistant Professor of Chemistry, University of Minnesota, Minneapolis, Minn., 1919-24.** Assistant in Chemistry, University of Chicago, 1915-16; Instructor in Chemistry, University of Minnesota, 1916-17; Division Gas Officer, U. S. Army, 1917-18; Instructor, University of Minnesota, 1918-19; Research Chemist, Atlantic Refining Company, Philadelphia, Pa., 1925 to date. **Author:** *The Ratio of Mesothorium to Thorium in Minerals*, thesis for Ph.D., University of Chicago, 1916, reprinted from *Journal of American Chemical Society*, Vol. XL, No. 9, Sept. 1918; also various articles contributed to chemical journals. **Member:** American Chemical Society;



American Association for the Advancement of Science. *Biography in American Men of Science*, 1921, 1927. Born at Northwood, Iowa, July 24, 1889; cousin of Prof. Clarence I. Hendrickson (q.v.).

**HENDRICKSON, CLARENCE IRVING**, B.S., University of Wisconsin, 1918; M.S., University of Wisconsin, 1921. Assistant Professor of Agricultural Economics, Connecticut Agricultural College, Storrs, Conn., 1923 to date; also Assistant Agricultural Economist, Storrs Agricultural Experiment Station, 1923 to date. Author: *A Description of Connecticut Agriculture* (with others), Storrs Agricultural Experiment Station Bulletin No. 127; *Soil Type as a Factor in Farm Economy* (with others), same, Bulletin No. 139. Born at Argyle, Wis.; mother and all grandparents came from Gran, Hadeland; sister, Rosetta Hendrickson, is Deputy with Wisconsin Industrial Commission; cousins: Rev. Elmer A. Henderson, pastor at St. Cloud, Minn., and Whitewater, Wis., since 1917; Dr. Arthur Henderson, physician at Keister, Minn.; Dr. L. M. Henderson (q.v.).

**HENDRICKSON, HENRY**, B.C.S., Wessington Springs Junior College, 1914; B.A., Bethany College (Kans.), 1924. Professor of Business Administration and Economics, Buena Vista College, Storm Lake, Iowa, 1926 to date. Formerly Teacher in Public Schools, 5 years; in Normal and Commercial work, 9 years; Teaching in Colleges, specializing in Commerce and Accountancy, 10 years; also Manager of Business Office, Buena Vista College, 1926 to date. Designer of *The Farmer's Bookkeeper*, a book for the keeping of farm records (11,000 copies of which have been distributed throughout the United States). Born at Grue, Solör, 1873; brought by parents to Michigan as a child; removed to South Dakota at the age of 7; resided in South Dakota until 1919.

**HENDRICKSON, HILDA O.**, Teacher's Diploma, Columbia College of Expression, Chicago, 1919; A.B., University of Wisconsin, 1923; Graduate Student, University of Wisconsin, 1928-29. Instructor in English and Dramatics, Montana State Normal College, Dillon, Mont., 1923-26; instructor in Public speaking, University of Utah, 1926-28; on faculty, University of Wisconsin, 1928-29. Born in the United States; father came from Bergen.

**HENDRICKSON, JOHN M.**, M.S., D.V.M., Assistant Professor of Poultry Diseases, Cornell University, Ithaca, N. Y., 1926 to date. Assistant in Poultry Research, Cornell University, 1924-26; Instructor, same, 1925. Author of various scientific publications. Born in the United States; ancestors came from Oslo.

**HENDRICKSON, PETER**, B.A., (with distinction), Beloit College, 1867; M.A., University of Oslo, 1868; Graduate Student, University of Erlangen, 1868-69; Chicago Theological Seminary, 1869-70; Paris, Summer 1874. Harwood Professor of Modern Languages, Beloit College, Beloit, Wis., 1871-84. "Prof. Hendrickson having resigned, Prof. Mills Whittlesey will take his place January 1, 1865." (Catalog of Beloit College for 1884-85) Instructor in Greek, Beloit College, 1870-71; Editor-in-Chief, *Skandinaven*, Chicago, 1885-93(?); Owner and Principal of Albion (Wis.) Academy, 1894(?)-1901; Farmer at Donnybrook, N. Dak., 1901(?)-07; Resident of Yarmouth, Me., and Foxcroft, Me., 1907-17. Author: *Farming med Hoved og Händer*, Chicago, 1886; *Afhandling om Meieri og Kvægavl*, Chicago, 1887. Various manuscripts destroyed by fire, 1893. Lecturer on historical, religious, and literary subjects, 1905-17, particularly in the New England States. Keenly interested in political questions, which he approached with an open mind and a wide outlook upon life. Participated in national and state campaigns, 1880-1908, speaking in Eng-

lish, Norwegian, and German. Traveled in Denmark, Scotland, England, France, Switzerland, and Italy, 1867-69. So far as is known, the first person of Norwegian stock to be appointed Professor at an American college or university. **Biography** in Nelson's *History of the Scandinavians*, Vol. 2; *Minneapolis Tidende*, Mar. 1, 1928. **Born** in Telemarken, June 6, 1842; brought to the United States in 1845; died at Foxcroft, Me., Dec. 10, 1917; wife, Louise (Engerud) H., aunt of Dr. Conrad E. Tharaldsen (q.v.), was Preceptress at Albion Academy, and for some time since 1917, Superintendent of Women's Dormitories, University of Maine; children widely scattered from Maine to California and South America.

**HERIGSTAD, OSCAR**, Instructor in Physical Education, and Assistant Coach, Colorado College, Colorado Springs, Colo., 1929—.

**HERREID, ERNEST O.**, — Instructor in Agriculture, University of Minnesota College of Agriculture, St. Paul, Minn., 1928—.

**HESTENES, MAGNUS RUDOLPH**, A.B., St. Olaf College, 1927; A.M., University of Wisconsin, 1928. **Instructor** in Mathematics, University of Nebraska, Lincoln, Neb., 1928—. **Fellow** in Mathematics, University of Wisconsin, 1927-28. **Member**, American Mathematical Society. **Born** at Bricelyn, Minn., Feb. 13, 1906; father and maternal grandparents came from Nordfjord.

**HETLAND, EDWIN ARON**, A.B., St. Olaf College, 1922; A.M., University of Chicago, 1926; Ph.D., University of Chicago (expected in near future). **Instructor** in History and Political Science, Birmingham-Southern College, Birmingham, Ala., 1926-27; **Instructor** in History, Tulane University of Louisiana, 1927-28; **Instructor** in History, Purdue University, Lafayette, Ind., 1929—. **Born** in Chicago, Ill.; paternal grandfather came from the vicinity of Stavanger; mother from

Lie, near Kingsvinger; parents have been pioneers in the great wilds of Western Canada, near the north branch of Saskatchewan River, since 1906.

**HETLAND, MELVIN A.**, B.A., University of North Dakota, 1926; M.S., University of North Dakota, 1928. **Instructor** in Physics, University of North Dakota, Grand Forks, N. Dak., 1928—. **Graduate Assistant** in the Department of Physics, same, 1926-28. **Member**: Pi Beta Kappa; Sigma Xi; Phi Sigma.

**HEYERDAHL, CARL LEWIS**, B.A., Beloit College, 1923; M.A. in Pol. Sc., University of Wisconsin, 1928. **Instructor** in Economics and Political Science, Purdue University, Lafayette, Ind., 1928—. **Head** of the Social Science Courses and **Teacher** of American History, Civics, and Economics, High School, Grand Rapids, Minn., 1923-27. **Member**, American Economic Association. **Born** at Orfordville, Wis., Jan. 3, 1898.

**HILL, CHARLES EDWARD**, A.B., University of Michigan, 1906; A.M., *ibid.*, 1907; Ph.D., Harvard University, 1916. **Dean** of Columbian College (College of Arts and Sciences), George Washington University, Washington, D. C., 1928—. **Teacher** of American History and Government, Kansas State Teachers College, Emporia, Kans., 1907-13; **Supervising Principal** of Public Schools, Pasadena, Calif., 1913-14; **Assistant Professor** of Political Science, George Washington University, 1916-18; **Professor** of Political Science, George Washington University, 1918 to date; also **Special Expert**, U. S. Tariff Commission, 1917-18; **Reviser** for Committee on Revision of Laws, U. S. House of Representatives, 1920; **Member** of Faculty, University of Southern California, Summer 1930. **Author**: *Leading American Treaties*, Macmillan Company, New York, 1922; *The Danish Sound Dues and the Command of the Baltic*, Duke University Press, Durham, N. C.,



1926; *James Madison* (in Secretaries of State Series), Alfred A. Knopf, New York, 1927. Contributor to *The American Yearbook*, since 1925 ed. **Member:** American Political Science Association; American Academy of Political and Social Science; American Society of International Law; American Association of University Professors; Fellow, Royal Historical Society, London. Chairman of Executive Committee, Conference of Teachers of International Law and Related Subjects, Washington, D. C., April 1928. Member of party taken to Europe by the Carnegie Endowment for International Peace to study international agencies, 1926. **Biography** in *Who's Who in America*; *Who's Who in the Nation's Capital*, 1926-27; *Who's Who Among North American Authors*, 1927-28, 1929-30; *Who's Who in the East*, 1930. **Born** at Rochelle, Ill., Sept. 27, 1881; father, Peter (Hidle) H., came from Stjernerö, near Stavanger; mother, Engeborg (Hoversten) H., came from Rennesö, near Stavanger.

**HILLEBOE, GUY L., A.B.,** University of Minnesota, 1920; A.M., Columbia University, 1928; Ph.D., Columbia University, 1930. **Professor of Education, New York State Teachers College, Albany, N. Y., 1930—.** Formerly Teacher in Public Schools, 4 years; Principal of High School, Philippine Islands, 3 years; Assistant in Educational Administration, Teachers College, Columbia University, 1928-29; Research Associate in Educational Administration, same, 1929-30; also Director of Child Development and Parental Education in the Training School, New York State Teachers College, Albany, N. Y., 1930—. **Author:** *Finding and Teaching Atypical Children* (thesis for Ph.D.), issued as Contribution to Education No. 423, Teachers College, Columbia University, 1930; *A Rating Scale for Elementary School Organization* (with P. R. Mort), Teachers College, Columbia University, 1930. Conducting investigations in child development on the preadolescent and adolescent levels, 1930—. **Mem-**

**ber:** Phi Delta Kappa; Kappa Delta Pi. **Born** at Necedo, Wis., July 26, 1897; paternal grandparents came from Öystese, Hardanger; maternal grandparents from Sandsvär; uncle Prof. H. S. Hilleboe, of Augustana College, Sioux Falls, S. Dak., has been a teacher in public and private schools of Minnesota, Iowa, and South Dakota since 1884; cousins: Marie E. (Hilleboe) Moe, teacher in public and private schools of Minnesota and Iowa, 1911—; Gertrude M. Hilleboe, Dean of Women, St. Olaf College, since 1915 (see *Who's Who in America*, 1930-31).

**HJELMSTAD, JENS H., A.B.,** University of South Dakota, 1912; A. M., University of Minnesota, 1915; Add. Graduate Work, University of Oslo, 1916-17; University of Minnesota, 1928-29. **Instructor in Commerce, North Dakota Agricultural College, Fargo, N. Dak., 1919-22.** Teacher of Commercial Subjects, Concordia College, Moorhead, Minn., 1905-09; Assistant in Scandinavian, University of Minnesota, 1912-16; American-Scandinavian Foundation Fellow, University of Oslo, 1916-17; Teacher of English, Terrill School, Dallas, Texas, 1917-18; Professor of Economics, Concordia College, Moorhead, Minn., 1922 to date; also Treasurer of the College, 1922-27; Assistant in Commerce, University of Minnesota, 1928-29. **Author:** "Notes and Vocabulary" (with A. Dikka Reque) in *Boken om Norge*, Vol. 1, Free Church Book Concern, Minneapolis, 1914; "Ibsen's Social Dramas," thesis for A.M., University of Minnesota, 1915. **Biography** in *School Calendar*, 1924. **Born** at Thompson, N. Dak., Sept. 30, 1883; father came from Skogn, Trøndelagen; mother from Meraker.

**HJERMSTAD, MARIE, B.A.,** University of Wisconsin, 1919. **Instructor in Physical Education, Northwestern University, Evanston, Ill., 1925 to date.** Formerly Director of Physical Education, Young Women's Christian Association, Fort Wayne, Ind. Home, Red Wing, Minn.

**HJERTAAS, RUTH**, see Ruth Hjertaas Jacobus.

**HJORTLAND, ARTHUR LORIMER**, B.A., University of North Dakota, 1923; M.A., University of Illinois, 1928. **Instructor in Biology**, Hamline University, St. Paul, Minn., 1928-29. **Supt. of Schools**, Lawton, N. Dak., 1919-22; **Teacher of Biology**, Denfeld High School, Duluth, Minn., 1923-26; **Assistant in Zoology**, University of Illinois, 1926-28 and 1929-30. **Author**: "On the Structure and Life History of *Trienophorus Robustus*," *Journal of Parasitology*, Sept. 1928. **Member**: Sigma Xi; Phi Sigma; Alpha Tau Omega (national social). **Born** at Buxton, N. Dak., Sept. 15, 1895; parents, Lars and Anna (Fjeldberg) Hjortland, came from Stavanger.

**HODNEFIELD, JACOB**, A.B., University of Minnesota, 1902; A.M., University of Minnesota, 1905. **Lecturer on Exchanges in the Library School, and Exchange Assistant in the University Library**, University of Illinois, Urbana, Ill., 1911-14. **Library Assistant**, University of Minnesota, 1906-09; **Exchange Assistant**, University of Illinois Library, 1909-11; **Farmer**, Radcliffe, Iowa, 1914-19, Ellsworth, Wis., 1919-21; **Head of Accessions Department**, Minnesota Historical Society, 1921-28; **Acting Librarian**, Minnesota Historical Society, Sept. 1, 1928-Sept. 1, 1929; **Head of Reference Division**, J. J. Hill Reference Library, St. Paul, Minn., Sept. 1, 1929—. **Author**: "The Checking of Serials," *Library Journal*, Vol. 37, 1912; "Records of Exchange and the Checking of Gift and Exchange Separates," *ibid.*; "The Libraries of Scandinavia," *Scandinavian Studies and Notes*, Vol. 1, 1914; "A Short Historical Sketch of Trinity Lutheran Church, St. Paul, Minn., 1870-1922," published as a number of the *Trinity Lutheran Messenger*, Trinity Lutheran Church, St. Paul, Minn., 1925; *Check List of Minnesota Public Documents issued from July 1, 1923, to June 30, 1925*, 39 pp., compiled by Gertrude Krausnick and Jacob Hodnefield, Minnesota Historical Society, St. Paul, 1927; "Minnesota Public

Documents," paper read at meeting of Minnesota Library Association, Nov. 1927, and published in *Library Notes and News*, Vol. 9, No. 1, March 1928; **Bibliography of Publications by Norwegian-Americans** (with Karl T. Jacobsen), in preparation. **Compiler of current quarterly numbers of Check List of Minnesota Public Documents**, 1923 to date. **Translator and editor**, "A Danish Visitor of the Seventies," *Minnesota History*, Vol. 10, No. 2, pp. 155-173, June 1929, being the first of three instalments consisting of translation of several chapters dealing with Minnesota in Robert Watt's *Fra det fjerne vesten. Skildringer fra Amerika*, Copenhagen, 1872, with a two-page introduction. **Member**: American Library Association; Minnesota Library Association; Minnesota Historical Society; Norwegian-American Historical Association. **President**, Township School Board, Radcliffe, Iowa, 1916-18. **Biography in University of Illinois Alumni Directory**, 1916; **University of Illinois Alumni Record**, 1918. **Born** at Roland, Iowa, May 16, 1877; father, John Hodnefield, came from Mossterö, Rennesö Prestegjeld, near Stavanger, in 1872; mother, Maline (Förland) H., came from Förland, Tysver Sogn, in 1873, her family having originally come from Östense, Hardanger.

**HOEGH, KNUT ÖRN**, A.B., University of Oslo, 1862; A.M., *ibid.*, 1863; M.D. (with distinction), *ibid.*, 1869; **Study of Surgery**, England and Germany, 1887. **Professor of Surgery**, Minneapolis College of Physicians and Surgeons, Hamline University, Minneapolis, Minn., 1895-99; **Professor Emeritus**, same, 1899-1903; **Professor of Orthopedic Surgery**, same, 1903-05. **Surgeon**, La Crosse, Wis., 1869-1887 (?); **Physician and Surgeon**, Minneapolis, Minn., 1889-1923. **Author of various articles contributed to medical journals**. **Member**: American Public Health Association; American Medical Association; Wisconsin State Medical Society; Minnesota State Medical Society; Minnesota Academy of Medicine; Hennepin County Medical Society; Fellow,



American College of Surgeons. Sometime member of Wisconsin Public Health Commission; member of Board of Overseers, Hospitals for the Insane, Wisconsin; later member of Minnesota State Board of Health. Delegate to International Congress of Physicians, Rome, 1894. Performed the first operation for the removal of goitre. Knight, Order of St. Olav. **Biography** in Nelson's *History of the Scandinavians and Successful Scandinavians*, Vol. 1, Minneapolis, 1893; Kjær's *Norges Læger; Nordmandsforbundet*, April 1909; *Aschehougs Konversationsleksikon*, Oslo, 1925; *Who's Who in American Medicine*, 1925. Born in Kaafjord, Alten, April 15, 1844; graduated by Latin School, Trondheim; came to the United States as ship physician aboard a sailing vessel in 1869; died 1925; father, Dr. Ove Guldberg Hoegh, distinguished physician in Finmarken and later in Trondheim and prominent member of the Norwegian Storthing three terms, was a great-grandson of the Right Rev. Niels Hoegh, brother of Ove Hoegh-Guldberg, Minister of State of Norway-Denmark, 1880-84, and ruler during the incapacity of Christian VII and minority of Crown Prince Fredrik (see *Aschehougs Konversationsleksikon*, Oslo, 1925).

**HOFF, PEDER A.**, M.D., University of Minnesota, 1900. **Clinical Instructor in Medicine**, University of Minnesota, Minneapolis, Minn., 1905-16. **Clinical Assistant in Medicine**, same, 1901-05; Physician. Deceased.

**HOGENSON, PALMER T.**, B.A., St. Olaf College, 1921; M.B.A., Graduate School of Business Administration, Harvard University, 1924. **Professor and Head of the Department of Economics and Business Administration**, Missouri Valley College, Marshall, Mo., 1927 to date. **Instructor in Foreign Trade Practice**, Higher Commercial School, Fukushima, Japan, 1924-26. **Member**, Acacia Fraternity, Harvard University Chapter. Born in Olm-

sted County, Minn., Dec. 25, 1899; mother born near Hamar, Norway.

**HOGNESS, THORFIN RUSTEN**, B.S., University of Minnesota, 1918; Ch.E., *ibid.*, 1919; Ph.D., University of California, 1921. **Associate Professor of Chemistry**, University of Chicago, Chicago, Ill., 1930—. **Teaching Fellow in Chemistry**, University of California, 1920-21; **Instructor in Chemistry**, same, 1921-25; **Assistant Professor of Chemistry**, same, 1925-29; **Associate Professor of Chemistry**, University of California, 1929-30. **Author** of many papers published in *Journal of the American Chemical Society*, *Nature*, *Physical Review*, and other journals. **Member**: American Chemical Society; American Physical Society. **Biography** in *American Men of Science*, 1927. Born in Minneapolis, Minn., Dec. 9, 1894; father came from Trondheim, mother from Lillehammer.

**HOGSTAD, ANTON, JR.**, Ph.C. Philadelphia College of Pharmacy, 1914; B.S., South Dakota State College, 1919; M.S., *ibid.*, 1921; D. F. Jones Fellow in Biochemistry, University of Minnesota, 1925-26. **Professor of Pharmacognosy, Materia Medica, and Physiology**, St. Louis College of Pharmacy, St. Louis, Mo., 1926 to date. **Instructor in Botany and Pharmacognosy**, Philadelphia College of Pharmacy, 1914-16; **Director of Hay Fever Department**, H. K. Mulford Company, 1916-17; **Instructor in Pharmacy**, South Dakota State College, 1917-18; **Assistant Professor of Pharmacy**, same, 1918-20; **Associate Professor of Pharmacy**, South Dakota State College, 1920-25; **Director of Medicinal Plant Garden**, Missouri Botanical Gardens, 1926 to date. **Author**: "Some Studies on the So-called 'Western' (South Dakota) Oil of American Wormseed," three papers in *American Journal of Pharmacy*; "A Chemical and Morphological Study of Nicandra Physalodes (Apple of Peru)," *Journal of American Pharmaceutical Association*; "Some Colloidal Chemical Aspects of Pharmacognosy," *ibid.*; "Aims and Developments of the

Medicinal Plant Garden" (South Dakota State College), *American Journal of Pharmacy*; "Aims and Developments of the Pharmacognosy Laboratory" (South Dakota State College), *ibid.*; *His Initials on the Service Tree of Life*, a tribute to the late E. C. Bent, former Secretary of South Dakota Pharmaceutical Association, published in brochure form by this association. Associate Editor: *Meyer Brothers Druggist*, 1925 to date; *Northwestern Druggist*, 1925-26. Contributing editor: *Missouri Druggist*; *Pharmaceutical Era*; *Journal of American Pharmaceutical Association*. Collaborator, *Botanical Abstracts*. Member: American Pharmaceutical Association; South Dakota Academy of Science. Auxiliary member, U. S. Pharmacopoeial Revision Committee. Biography in *American Men of Science*, 1927. Born at Neenah, Wis., Feb. 21, 1893; father came from Trondheim, mother from Oslo.

**HOKAASEN, OTTO THEODORE**, A.B., Luther College, 1909; A.M., Northwestern University, 1911. Assistant Professor of History, Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa, 1911-16. Born in Decorah, Iowa, Feb. 3, 1888; died April 8, 1923; father, the late Erick Hokaasen, was born in Solör; mother, the late Mrs. Carrie (Vick) Hokaasen, was born in Winneshiek County, Iowa; second cousin of Olaf Vick, formerly of Decorah, Iowa, now of Los Angeles, Calif.

**HOLDRIDGE, JUNIE PEARL TOOHEY** (Mrs. Holdridge), Work for Teacher's Certificate in Piano and Voice completed at Chicago Musical College, 1907; Graduate in Piano, Chicago Musical College, 1908; Pupil of W. S. B. Mathews, J. Homer Grunn, Dr. Louis Falk, John B. Miller, Ernesto Consolo, Felix Borowski, and Charles Sindlinger; Graduate, American Institute of Normal Methods at Northwestern University, 1913. Head of the Department of Music, Madison State Normal School (now Eastern State Teachers College), Madison, S. Dak.,

1909-16. Teacher of Piano, Music Department, All Saints School, Sioux Falls, S. Dak., 1908-09; Teacher, Extension Department, Sherwood School of Music, Chicago, at Shenandoah, Iowa, 1919, 1920; played at Glacier National Park (with sister, Mrs. Marie Toohey Snyder, q.v.), Summers 1915, 1916; Institute Teacher, two Summers; Church Organist, Sioux Falls, S. Dak.; Director of Ladies Chorus, Shenandoah Business and Professional Women's Club; played organ at the Zenith Theater, and piano at the Empress Theater, Shenandoah, Iowa, 1916-29; offered position on faculty of Sherwood School of Music at Chicago for Summer 1929. Vice-President, Shenandoah Altrusa Club; Chairman of Educational Committee, Shenandoah Business and Professional Women's Club. Winner of trip abroad in popularity contest conducted by the Sioux Falls *Argus Leader*. Born at Sioux Falls, S. Dak., Oct. 29, 1886; father, the late Jack Toohey, was a well-known business man and public spirited citizen of Sioux Falls; mother, Carrie (Aker) Toohey, was born at Aakre, Hardanger; sister of Mrs. Marie Toohey Snyder (q. v.).

**HOLIEN, EDWIN OBERT**, B.S., in Arch. Instructor in Architecture, North Dakota Agricultural College, Fargo, N. Dak., 1924-26; Instructor in Architecture, New York University, 1926-27; Moorman Fellow, Massachusetts Institute of Technology, 1927-28.

**HOLM, GEORGE ELMER**, B.S., Carleton College, 1914; M.S., University of Minnesota, 1916; Ph.D., University of Minnesota, 1919. Assistant Professor of Agricultural Biochemistry, University of Minnesota, Minneapolis, Minn., 1919-20. Principal, Dawson (Minn.) High School, 1914-15; Research Assistant in Agricultural Biochemistry, University of Minnesota, 1915-17; 1st Lieutenant, Chemical Warfare Service, 1917-19; Instructor, University of Minnesota, Jan.-July, 1919; Biochemist, Bureau of Dairying, U. S. Department of Ag-



riculture, Washington, D. C., 1920 to date. **Author** of various articles published in scientific journals. **Member:** American Chemical Society; Society of Experimental Biology; Society of American Biologists; Washington Academy of Science; Sigma Xi; Phi Lambda Upsilon; Gamma Sigma Delta; Gamma Alpha; Alpha Chi Sigma. **Biography in Rus**, 1920, 1925, 1930; *American Men of Science*, 1927; *Who's Who in the East*, 1930. **Born** at Cokato, Minn., Jan. 20, 1891; paternal ancestry Norwegian; maternal ancestry Swedish.

**HOLMBOE, ANTON THEODORE HARRIS, A.B.**, University of Oslo, 1874; A.M., *ibid.*, 1875; M.D., College of Physicians and Surgeons, Chicago, 1886; M.D., University of Berlin, 1898. **Professor of Orthopedic Surgery, Bennett Medical College, Chicago, Ill., 1910-15;** Professor of Arthopedic Surgery, Medical Department, Loyola University, Chicago, 1915-18. Assistant to Dr. Christian Fenger, Chicago, 1886-89; in General Practice, Chicago, 1889-97; General Surgeon, Chicago, 1899-? Surgeon to Michael Reese Hospital, Chicago, 1889-1902; Norwegian Lutheran Tabitha Hospital, 1895-1901; Passavant Memorial Hospital; Norwegian - American Hospital. **Member:** American Medical Association; Chicago Medical Society; German-American Medical Society of Chicago; Scandinavian Medical Association. **Biography in Strand's History of the Norwegians of Illinois**, 1905; *Who's Who in Chicago*, 1926. **Born** in Tromsøe, 1857; came to the United States in 1881; deceased.

**HOLMEN, ALICE M.**, see Alice M. Holmen Giauque.

**HOLST, CLARA**, Ph.D., University of Oslo, 1903. Assistant Professor of German, University of Kansas, Lawrence, Kans., 1907-08. Instructor in German, Wellesley College, 1906-07. Resident of Oslo. **Author:** Studier over Middelnedertyske Laaneord i Dansk i det 14de og 15de Aarhundrede, thesis

for Ph.D., Grøndahl & Son, Oslo, 1903. First woman to take any doctor degree at the University of Oslo.

**HOLST, WALTHER F.**, Dr. Ing., University of Oslo. Assistant Professor of Poultry Husbandry, University of California, Berkeley, Calif., 1927 to date. Assistant in Poultry Husbandry, Cornell University, 1925-26; Instructor in Poultry Husbandry, University of California, 1926-27; also Associate Poultry Husbandman, California Agricultural Experiment Station, 1926 to date. **Author:** *Poultry Feeding: Principles and Practice*, California Agricultural Experiment Station Bulletin No. 417; "Artificial Enzymes in Poultry Feeding," *Poultry Science*; "Some Considerations on the Protein-Requirements of Growing Chicks," paper presented to World's Poultry Congress, Ottawa, Canada, 1927; also many articles on feeds and feeding published in various journals. **Born** in Oslo; son of Dr. Axel Holst, internationally-known scientist, Professor of Hygiene and Bacteriology, University of Oslo, since 1893, and Rector of the University, 1919-21 (see *Who's Who in Science—International*, London, 1914, and *Who's Who*, London, 1925).

**HOLTON, RUBY ANA, A.B.**, Oberlin College, 1919; A.M., Oberlin College, 1920. **Professor of Physical Education for Women, Drake University, Des Moines, Iowa, 1927 to date.** Teacher, High School, Freeport, Ill., 1920-21; Instructor in Physical Education, Carthage College, 1922-24; Assistant Professor of Physical Education, Drake University, 1924-27. **Author** of various articles on special health problems, published in newspapers and magazines. **Born** in the United States; grandparents came from Telemarken and Voss.

**HOMME, AUGUST HERMAN FRANCKE, D.D.S.**, University of Minnesota, 1918. Instructor in Crown and Bridge Work, University of Minnesota, Minneapolis, Minn., 1918-19. Practicing Dentist,

Electra, Texas. **Author** of various papers presented at meetings of District Dental Society, Wichita Falls, Texas. Gave a Clinic on Porcelain Tip Bridge Work before the Texas State Dental Society, Wichita Falls, Tex., 1926. **Member**, American Dental Association; Charter member, Omega Eta Mu (honorary dental fraternity); President, Zeta Kappa Chapter, Psi Omega (dental fraternity). Member of Student Council of Dental College, University of Minnesota; Officer of Senior Class. **Born** in the United States; father, the late Rev. E. J. Homme, pastor at Winchester, Sheboygan, and Wittenberg, Wis., 1867-1903, editor and publisher, founder of the village of Wittenberg, Wis., Wittenberg Orphans' Home, Old People's Home, a printing establishment, academy, and normal school, was born at Moland, Övre Telemarken; mother's parents (Swenholt) came from Skien; brother, Carl J. Homme, was formerly engineer in Australia, now in Milwaukee, Wis.; another brother, William E. Homme, also engineer; sister, Mrs. E. J. Torvie, has for many years been an organizer and President of Parent-Teacher Associations in Texas (see *Souvenir Norse-American Women, 1825-1925*, Minneapolis, 1925); cousin of Capt. Helmer Swenholt (q. v.).

**HONG, ANNA HELGA**, B.F.A., University of Washington, Seattle, 1924; Art Courses completed at University of California, Iowa State Teachers College, Otis Art Institute, and Schools of Art in Paris, Amsterdam, and Rome. **Professor of Art, Northwestern University, Evanston, Ill., 1926 to date.** Director of the Department of Fine Arts, Idaho State Normal School, Lewiston, Idaho, 1915-18; Instructor in Art, University of Idaho, Summer Session, 1917; Head Reconstruction Aide, Medical Corps, U. S. Army, 1918-20; Instructor in Art, University of Southern California, Summer Session, 1926. **Author:** *Color Schemes* (in preparation); *Adventures of a Wandering Painter* (in preparation); "The First

Soviet Russian Exhibition at the International in Venice," *Dark and Light* (Los Angeles), 1925; "Art Experiences translated into Teaching Technique," paper presented to Pacific Art Teachers Association, Los Angeles, 1925; "Dress," paper read before the Western Art Teachers Association, Indianapolis, 1928, and later published. Lectures: "Color in the Home," delivered at Art Institute, Chicago, 1926; "Costume," delivered before various Women's Clubs in and near Chicago, 1926-29. **Artist.** Paintings include the following: Landscapes painted in Norway, exhibited in Norwegian Lutheran Church, Los Angeles; "Norwegian Landscape," exhibited at Illinois Artists' Show, State Museum, Springfield, Ill.; "A Riviera Home," exhibited at American Exhibition, Art Institute, Chicago, 1926, and awarded 3rd Prize for Oil Paintings, Seattle Society of Fine Arts, 1925; "The Home of Bjornson, Aulestad, Norway," awarded 2nd Prize at Chicago Norwegian Club Art Exhibition, 1926; "Autumn in Norway," exhibited at Chicago Artists' Exhibition, Art Institute, Chicago, 1927, and awarded 1st Prize for Landscape Paintings, Los Angeles Museum, 1926; "Monterey Fishermen," awarded 1st Prize for Oil Paintings, California Eisteddfodd Society, Los Angeles, 1926. **Member:** California Art Club; Director, Chicago Society of Artists. **Biography** in *Who's Who in Art, 1927*; *American Art Annual, 1929*. **Born** in Monona County, Iowa; father, the late Engebret N. Hong, one of the earliest school teachers in Monona County, Iowa, came from Tretten, Gudbrandsdalen, in 1868; mother from Sigdal; uncle, Knut Aarum, has been a school teacher at Hanestad, Rendalen, for 50 years; four cousins are teachers in Norway; two sisters were formerly teachers; distant cousin, N. J. Hong, was Principal of Pacific Lutheran Academy, Parkland, Wash., 1899-1918, and is now a teacher in the Public Schools of Tacoma, Wash.

**HORAN, ANNA N. HOYUM** (Mrs. Horan), B.A., University of Minnesota, 1909; Graduate Work,



Stout Institute. Professor of Home Economics, and Matron, College of Montana, Deer Lodge, Mont., 1913-14. Teacher in Public Schools, Orient, S. Dak., 1909-10; Teacher of Home Economics, High School, St. Croix Falls, Wis., 1911-13; Substitute Teacher of Home Economics, Seattle (Wash.) Public Schools, 1922-23. Born in Sogn.

**HOUG, H. T.**, M.D. Instructor in Operative Surgery, Marquette University, Milwaukee, Wis., 1910-12, and probably longer.

**HOUGEN, JOHN H.**, B.A., St. Olaf College, 1911; LL.B., University of Minnesota, 1922; J.D., Yale University, 1923. Assistant Professor of Law, University of North Dakota, Grand Forks, N. Dak., 1927-28. Practicing Attorney, Crookston, Minn., 1923 to date; now member of firm of Loring & Hougen; State Senator, Minnesota, 1927-31. Author: "The Right of Banks to Pledge Assets," *Dakota Law Review*, 1928; also various other articles in law journals. Born in Fargo, N. Dak.; father, the late Rev. J. O. Hougen, pastor in Fargo, N. Dak., Manitowoc, Wis., Decorah, Iowa, Tacoma, Wash., and Eugene, Ore., for more than 45 years, widely known writer and lecturer, and co-founder of Concordia College, Moorhead, Minn., 1891, was born in Kvinnerød, Søndhordland, and brought to the United States in infancy; brother of Dr. O. A. Hougen (q. v.).

**HOUGEN, OLAF ANDREAS**, B.S., University of Washington (Seattle), 1915; Ch.E., University of Wisconsin, 1918; Ph.D., University of Wisconsin, 1925. Associate Professor of Chemical Engineering, University of Wisconsin, Madison, Wis., 1927 to date. Instructor in Chemical Engineering, University of Wisconsin, 1917-18; Research Chemist, Niagara Falls, N. Y., 1919-20; Assistant Professor of Chemical Engineering, University of Wisconsin, 1920-27. Author: *Ammonia Transfer Co-efficients in Absorption Towers*, University of Wisconsin Bulletin, deal-

ing with the theory and principles of gas absorption; *Heat Transfer in Tubular Gas Condensers*, University of Wisconsin Bulletin, dealing with the theory and practice of heat transmission; "Crushing-Temperature of Magnesia-Silica Mixtures," *Transactions of American Electrochemical Society*, 1918; "Spalling of Specialized Refractories," *ibid.*, 1920; "Transfer of Heat in Checkerblock," *Chemical and Metallurgical Engineering*, Vol. 29, p. 800, 1923; "Selection Factors in Choosing Refractories;" "Physical and Chemical Properties of Refractory Materials," *Chemical and Metallurgical Engineering*, Vol. 30, p. 737, 1924; "Refractory Materials for Laboratory Purposes," *Physics Laboratory Manual*, National Research Council; numerous other papers. Cooperating Expert on International Critical Tables. Member: American Chemical Society; Phi Beta Kappa, Phi Lambda Upsilon, Sigma Xi, Tau Beta Pi (honorary societies); Alpha Chi Sigma (professional); Delta Pi Epsilon (social). Born at Manitowoc, Wis., Oct. 4, 1893; brother of Prof. John H. Hougen (q. v.).

**HOVDA, OLAF**, A.B., University of Minnesota, 1904; A.M., *ibid.*, 1909; Ph.D., University of Göttingen, 1913. Professor of Physics and Acting Head of the Department of Mathematics, Evansville College, Evansville, Ind., 1919 to date. Instructor in Engineering Mathematics, University of Minnesota, 1906-08; later Instructor in Physics, same; Instructor in Mathematics, State University of Iowa, 1914-15; Acting Professor of Physics, Morningside College, 1915-16; Professor of Physics and Secretary of the Faculty, Morningside College, 1916-18; Assistant Professor of Physics, Carleton College, 1918-19. Author: *Elektrische Entladung von Spitzen aus verschiedenen Metallen bei verschiedenen Gasen und Drucken* (dissertation for Ph.D.), E. A. Huth, Göttingen, 1913; "The Intensity Factor in Binaural Localization and an Extension of Weber's Law," paper presented to American Physical Society, Chicago, Dec. 2, 1916. Inventor of Hovda's

Rotating Disc, patented 1925. **Member:** American Physical Society; Phi Beta Kappa; Sigma Xi. Biography in *American Men of Science*, 1927. **Born** in Dane County, Wis., 1875; traveled in Norway, 1913; parents came from Nordre Aurdal, Valdres.

**HOVDE, BRYNJOLF JAKOB**, B.A., Luther College, 1916; M.A., State University of Iowa, 1919; Ph.D., *ibid.*, 1924. **Associate Professor of History**, University of Pittsburgh, Pittsburgh, Pa., 1927 to date. Instructor in Norwegian, Luther College, 1916-17; Instructor in History and Acting Dean of Men, same, 1919-23; Assistant Professor of History and Political Science, Allegheny College, 1924-27. **Author:** "The Diplomatic Relations of the United States with Sweden and Norway, 1814-1905," published as a monograph in the *University of Iowa Studies in Political and Social Science*, 1921; "The Attitude of the French Socialists toward Imperialism, 1893-1914" (thesis for Ph.D.), *University of Iowa Studies*; "French Socialism and the Triple Entente," *Journal of Political Economy*; "French Socialism and Franco-German Relations," *ibid.*; "Russo-American Relations, 1917-1927," *Current History*, Nov. 1927; "Chicago as Viewed by a Norwegian Immigrant in 1864," a letter translated and edited, *Studies and Records*, Publications of the Norwegian-American Historical Association, Vol. III, 1928. Awarded John Simon Guggenheim Memorial Foundation Fellowship for the purpose of making "a study of Scandinavian social and economic history, especially in the nineteenth and twentieth centuries, preparatory to writing a history of Scandinavia," 1930 (see *School and Society*, April 19, 1930). **Member:** American Historical Association; Norwegian-American Historical Association. **Biography** in *School Calendar*, 1924. **Born** at Jersey City, N. J., May 17, 1896; paternal grandfather, Rev. Brynjolf Hovde, pastor in Wisconsin, 1868-1912 and living on farm near Glenwood, Minn., until his death, Sept. 27, 1930, was born at Hovda, Bulken

Station, Voss, 1839, and came to the United States in 1857; paternal grandmother, Elizabeth Mohn, came from Bergen; maternal grandfather, Jacobsen, from Christiansand S.; maternal grandmother from Grimstad; father, the late Rev. Christian J. M. Hovde, served as pastor in New Jersey and Wisconsin, 1895-1904; sister, Helga M. Hovde, has been a Teacher of Music at Lutheran Ladies Seminary, Red Wing, Minn., and Gale College, Galesville, Wis., since 1919.

**HOVDE, HOWARD T.**, B.S., in Econ., University of Pennsylvania, 1922; Ph.D., *ibid.*, 1929. **Instructor in Merchandising**, Wharton School of Finance and Commerce, University of Pennsylvania, Philadelphia, Pa., 1923 to date. Instructor in Merchandising, Evening School, University of Pennsylvania, 1922 to date; Instructor in Extension School, same, 1923 to date; Assistant Director of Admissions, University of Pennsylvania, 1925 to date. Special Lecturer; Councilor on Advertising, Merchandising, and Selling; President of Sox Miller, Inc. **Author:** *Series of Problems and Tests on Legibility of Type* (in preparation); "B. Franklin—Advertiser," *Pennsylvania Gazette*, Jan. 1927. Copy writer and special research worker, Advertising Agency; Editor-in-Chief, *Daily Pennsylvanian*, 1922; contributor of Special articles to same, 1922 to date. Lecturer on Advertising, Merchandising, and Selling before technical organizations and at conventions. **Member:** Sigma Nu; Sphinx Society (honor society). Biography in Sphinx Society *Year Book*. **Born** in Des Moines, Iowa, Nov. 22, 1899; paternal grandfather, John Hovde, came from Gudbrandsdalen; paternal grandmother, Stomlin (Benrude) Hovde, from Biri.

**HOVERSTAD, ANDREW T.**, B.S. Instructor and Research Assistant in Farm Management, University of Minnesota College of Agriculture, St. Paul, Minn., 1924-27. Formerly Assistant in Farm Management, same. **Born** in the



United States; ancestors came from Valdres.

**HOVLID, MYRNA L.**, B.S., Stout Institute, 1923; Candidate for M.S., University of Minnesota. Instructor in Foods, University of Minnesota, Minneapolis, Minn., 1928—. Instructor in Nutrition, Stout Institute, Jan.-June, 1923; Teacher of Foods and Clothing, High School, Ironwood, Mich., 1923-25; Instructor in Nutrition, Stout Institute, Sept. 1925—Jan. 1926; Teacher of Foods and Clothing, High School, Winona, Minn., Jan.-June, 1926; Instructor in Nutrition and Clothing, Stout Institute, June-Aug. 1926; Teacher of Foods and Clothing, Milwaukee Vocational School, Milwaukee, Wis., 1927-28. Born at Menomonie, Wis., 1902; father, George M. Hovlid, came from Lesje, Gudbrandsdalen; sister, Mrs. R. A. Forsythe, was formerly a Teacher in the Public Schools of Wisconsin; brother, Leonard M. Hovlid, is a Teacher in the North Division High Schools, Milwaukee, Wis.

**HOYUM, ANNA N.**, see Anna N. Hoyum Horan.

**HUSBY, JOHN**, B.S., University of Minnesota, 1912. Assistant Professor of Animal Husbandry, University of Minnesota Northwest School of Agriculture, Crookston, Minn., 1920-21.

**HUSETH, HELMER**, Pupil of Otto Meyer, Guy Woodward, and O. Sevcik. Instructor in Violin, Jamestown College, Jamestown, N. Dak., 1921-27. Formerly teacher at St. John's Academy, Jamestown, N. Dak., 5 years; member of Headquarters Band, U. S. Navy, London, England, 1918; Director of Jamestown Concert Orchestra of 40 pieces. Winner of District Violin Contest, National Federation of Music Clubs, Minneapolis, 1925, and given free trip to Portland, Ore., to take part in the National Contest. Born at Effington, S. Dak.; paternal grandfather came from Odalen; mother from Tin, Telemarken.

**HUSTVEDT, SIGURD BERNHARD**, B.A., Luther College, 1902; M.A., University of California, 1912; M.A., Harvard University, 1914; Ph.D., *ibid.*, 1915. Associate Professor of English, University of California at Los Angeles, 1924 to date. Teaching Fellow in English, University of California, 1911-12; Parker Traveling Fellow of Harvard University, England and Scandinavia, 1914-15; Instructor in English, University of Illinois, 1915-17; Captain, 343rd Infantry, National Army, 1917-18; Instructor in Rhetoric, University of Minnesota, 1918-20; Assistant Professor of Rhetoric, same, 1920-21; Assistant Professor of English, University of California at Los Angeles, 1921-24; absent on leave, American-Scandinavian Foundation Fellow, Norway, 1922-23. Author: *Ballad Criticism in Scandinavia and Great Britain during the Eighteenth Century*, American-Scandinavian Foundation, New York, 1916; *Ballad Books and Ballad Men* (a history of ballad collecting and editing in Britain and Scandinavia from 1800 to date), Harvard University Press, 1930; "The Lady From the Sea" (an article on Ibsen's play by the same title), *Charles Mills Gayley Anniversary Papers*, University of California, Berkeley, 1922; "George Borrow and His Danish Ballads," *Journal of English and Germanic Philology*, April 1923; "The Norwegian Professor" (article comparing the work offered at the University of Oslo with that offered in American universities), *American-Scandinavian Review*, Feb. 1924; "Philippic Freneau" (a study of the Americanisms in the diction of the poet Freneau), *American Speech*, Oct. 1928. Translator: Thiis' "Modern Norwegian Art" in *Scandinavian Art*, American-Scandinavian Foundation, New York, 1922; Munch and Olsen's *Norse Mythology: Legends of Gods and Heroes*, American-Scandinavian Foundation, New York, and Oxford University Press, London, 1926. Member: Modern Language Association of America; Modern Humanities Research Association; Norsk Folkeminnelag,

Oslo; Norwegian-American Historical Association; Society for the Advancement of Scandinavian Study; American-Scandinavian Foundation. **Biography** in *Living Age Travelers' Who's Who* (forthcoming edition). **Born** at Northwood, Iowa, March 28, 1882; paternal grandfather, Björn O. Hustvedt, came from Vinje, Telemarken, in 1843; maternal grandfather, Sjur Styrkson Reque, came from Voss in 1845; father, Rev. H. B. Hustvedt, was President of the Lutheran Normal School, Sioux Falls, S. Dak., 1893-96, and member of the Board of Trustees of Luther College, 1899-1920; sister, Katherine S. Hustvedt, has been a Teacher of Piano at Albion Academy, Park Region Luther College, Lutheran Normal School, Luther College, and privately, since 1903; brother, Olaf M. Hustvedt, Commander in the U. S. Navy (awarded Letter of Commendation, World War), is now serving on Admiral Nulton's staff aboard the flagship "West Virginia"; cousins: Dr. Herman A. Reque, Teacher of German and History, Park Region Luther College, Fergus Falls, Minn., 1898-1902, Physician in Brooklyn, N. Y., since 1907; Rev. L. S. J. Reque, Teacher at Gale College, Galesville, Wis., since 1918; Prof. S. S. Reque, County Supt. of Schools, Winneshek County (Decorah), Iowa, 1909-13, Principal of Luther Academy, Decorah, 1914-19, and Professor of French and Education, Luther College, since 1919; uncle, the late Hon. L. S. Reque, was Professor of English, Latin, and French at Luther College, 1875-93, 1897-1916, and United States Consul-General at Rotterdam, Holland, 1893-97; cousin of Dr. P. A. Reque (q. v.); father (Rev. H. B. Hustvedt), first cousin of Dr. H. S. Steensland (q. v.).

**HUUS, RANDOLPH O LAU**, A.B., St. Olaf College, 1915; A.M. (in Government and Public Law), Columbia University, 1920; Diploma for year's Graduate Course in Municipal Administration, National Institute of Public Administration,

New York City, 1924; Fellow School of Citizenship and Public Affairs, Syracuse University, 1926-27; Ph.D. (in Political Science), Syracuse University, expected in 1931. **Professor and Head of the Department of Political Science, Friends University, Wichita, Kans., 1930—**. Principal of Schools, Watson, Minn., 1915-16; Principal of Schools, Ellendale, Minn., 1916-17; at Officers' Material School, United States Navy, Great Lakes, Ill., 1918; Instructor in History and Political Science, Carnegie Institute of Technology, 1920-23; Instructor in Government and Sociology, College of the City of New York, 1923-24; Director of Bureau of Municipal Research, Chamber of Commerce, Hoboken, N. J., 1924-26; Teaching Fellow, Syracuse University, 1926-27; Assistant Professor of Political Science, Western Reserve University, 1927-30; also Consultant to the City Manager, Wichita, Kans., 1930—. **Author** of articles in *American City*, Aug. 1926, and May 1928; *National Municipal Review*, May 1924, Jan., Feb., and June 1928, May 1929, and Feb. and March 1930; A Special Study of Municipal College, and University Stadiums, to be published by Municipal Administration Service, New York City; also member of National Municipal League's committee on Park and Playground Administration, which is soon to publish a monograph; Adviser to committee on Municipal Reporting, National Municipal League, in preparation of report on parks and playgrounds; has reviewed numerous books on Public Recreation for *Public Management* and *National Municipal Review*, last few years. **Member**: National Municipal League; City Club, Cleveland, Ohio. **Born** at Decorah, Iowa, Aug. 12, 1893; father, the late Rev. Alfred L. Huus, served as pastor in Wisconsin, Iowa, and Minnesota, 1886-1910; maternal grandfather, Rev. P. A. Rasmussen, pastor at Stavanger, 1854-97, was born at Stavanger; maternal grandmother, Ragnhild (Haaland) R., also came from the vicinity of Stavanger; 4 uncles on mother's side are pastors.



**HVOSLEF, JAKOB, A.B.**, University of Oslo, 1883; A.M., *ibid.*, 1884; M.D., *ibid.*, 1891. Professor of Orthopedic Surgery, Minneapolis College of Physicians and Surgeons, Hamline University, Minneapolis, Minn., 1906-07. Lecturer on Orthopedic Surgery, same, 1905-06. Physician and Surgeon, Minneapolis, 1892-1923; on Staff of Norwegian Lutheran Deaconess Hospital and Training School for Nurses, Minneapolis, 1909-1923; Physician and Surgeon, International Falls, Minn., 1923 to date. **Author** of various articles published in medical journals. Amateur botanist and entomologist. During summer resides on his beautiful island in Rainy Lake. **Biography** in *A Half Century of Minneapolis*, Hudson Pub. Co., Minneapolis, 1908. **Born** in Tromsøe, Feb. 26, 1865; came to the United States in 1892; father, the Right Rev. F. W. Hvoslef (1825-1906), was Bishop of Tromsøe, 1868-76, and Bishop of Bergen, 1881-98 (see *Aschehougs Konversationsleksikon*, Oslo, 1925); brother, the late Capt. Frederick W. Hvoslef, was a prominent shipowner of New York, member of the well-known firm of Bennett, Hvoslef & Company.

**HYDLE, LARS L.**, B.A., University of North Dakota, 1911; M.A., University of Wisconsin, 1924; Ph.D., University of Wisconsin, 1925. **Assistant Professor of Education Extension, Pennsylvania State College, State College, Pa., 1928—**. Superintendent of Schools, Hoople, Caledonia, Balfour, Bowbells, and Rolla, N. Dak., 1911-23; Fellow in Education and Assistant in Scandinavian, University of Wisconsin, 1925; Director of Grand Junction State Junior College, Grand Junction, Colo., 1925-28; also Instructor in Education, University of Wisconsin, Summers 1924, 1925; Member of Extension Council, University of Colorado, 1925-26; Supt. of Western Colorado Extension Service, Extension Division, University of Colorado, 1925-27; Director of Summer School for Teachers (under joint

supervision of the various higher educational institutions of Colorado), Steamboat Springs, Colo., Summer 1926. **Author:** *The Elements of Difficulty in the Interpretation of Concrete Problems in Arithmetic* (thesis for Ph.D.), published as a bulletin by the University of Wisconsin, 1925; "Det Norske Folks Indsats i Kulturlivet," *Eidsvold* (Grand Forks, N. Dak.), 1909; also various articles on some of Ibsen's dramas, *ibid.* Frequent lecturer; filled about 40 different speaking engagements, 1926-27. **Member:** National Education Association; National Geographic Society; University Club; Phi Beta Kappa; Phi Delta Kappa. **Born** in Ulvik, Hardanger, Feb. 18, 1885; came to North Dakota at the age of 19.

**IBSEN, HEMAN LAURITZ**, B.S.A., University of Wisconsin, 1912; M.S., *ibid.*, 1913; Ph.D., *ibid.*, 1916. **Professor of Genetics, Kansas State Agricultural College, Manhattan, Kans., 1924 to date.** Fellow, University of Wisconsin, 1912-13; Assistant in Experimental Breeding, same, 1913-16; Assistant in Genetics, same, 1916-17; Assistant in Zoology, same, 1917-18; in Chemical Warfare Service, U. S. Army, 1918-19; Assistant Professor of Genetics, Kansas State Agricultural College, 1919-21; Associate Professor of Genetics, same, 1921-24. **Author** of about 15 papers on subjects related to Genetics published in various scientific journals; also papers presented to American Association for the Advancement of Science, for many years. Extensively engaged in research work. **Member:** American Genetic Association; American Society of Zoologists; American Society of Naturalists; Society of Animal Production; American Association for the Advancement of Science; Sigma Xi; Phi Kappa Phi; Alpha Zeta; Gamma Sigma Delta. **Biography** in *Rus*, 1920, 1925, 1930; *American Men of Science*, 1927; *Who's Who in America*, since 1928-29 ed. **Born** in Chicago, Ill., Sept. 16, 1886; father came from Christiansand

S., mother from the vicinity of Egersund.

**IHLSENG, MAGNUS COLBJORN**, Graduate, Polytechnic Institute, Brooklyn, 1872; C.E., Columbia University, 1875; E.M., *ibid.*, 1875; Ph.D., *ibid.*, 1877. President of Blairsville College, Blairsville, Pa., 1906-09. Instructor in Physics, Columbia University, 1875-81; Professor of Engineering and Physics, Colorado School of Mines, 1881-93; Dean of the School of Mines, Pennsylvania State College, 1893-99; Professor of Mechanical Engineering, Polytechnic Institute of Brooklyn, 1899-1906; Consulting Professor of Machine Design, same, 1909-10; Consulting Professor of Work Engineering, same, 1915-30. **Author:** *Manual of Mining*. Based on the Course of Lectures on Mining delivered at the School of Mines of the State of Colorado, J. Wiley & Sons, New York, 1892, 4th ed. 1911; *A Phosphate Deposit in Juniata County*, Pennsylvania Agricultural Experiment Station Bulletin 34, Harrisburg, 1896; 6 works on Machinery for International Correspondence Schools, Scranton, Pa.; "A New Method of Determining the Velocity of Sound and Modulus of Elasticity," paper read before the National Academy of Sciences; also numerous monographs and contributions to scientific and technical journals. Inventor of chemical slide rule, 1880. **Member:** American Institute of Mining Engineers; Brooklyn Society of Civil Engineers; National Geographic Society; American Society for Psychical Research; National Academy of Sciences; President of Department of Engineering, Brooklyn Institute of Arts and Sciences, (at least) 1915-16. **Biography** in *Who's Who in America*, 1903-05 to 1910-11 eds.; *Who's Who in Mining and Metallurgy*; *Who's Who in Pennsylvania*, 1908; *American Men of Science*, 1910, 1921. **Born** near Hamar, Norway, May 2, 1852; brought to the United States in childhood; died in New York City, July 12, 1930; father, Lars C. Ihlseng, was a piano manufacturer in New York; brother A. O. Ihlseng, has been a distinguished metallurg-

ist and mining engineer in Colorado and New York since 1877, being an authority on zink and lead mining and closely identified with American and European smelters (see *Who's Who in America*, 1916-17; *Who's Who in Engineering*, 1925; *American Men of Science*, 1927; *Who's Who in New York*, 1929; *Who's Who in the East*, 1930).

**INGBERG, SIMON H.**, C.E., University of Minnesota, 1909; M.S., University of Illinois, 1910. **Instructor in Civil Engineering**, Lehigh University, Bethlehem, Pa., 1910-11. Structural Engineer, James Stewart & Company, Ill., 1911-14; Associate Physicist, U. S. Bureau of Standards, Washington, D. C., 1914-19; Physicist and Chief of Fire Resistance Investigations, U. S. Bureau of Standards, 1919 to date. **Author:** *Fire Tests of Building Columns* (joint author), Bureau of Standards Technologic Paper No. 184, Government Printing Office, Washington, 1921; also various articles published in technical journals. **Member:** American Physical Society; National Fire Protection Association; American Concrete Institute; American Society for Testing Materials. **Biography** in *American Men of Science*, 1927; *Who's Who in the East*, 1930. **Born** at Ringsaker, June 24, 1877.

**ISRAELSEN, ORSON WINSO**, B.S., Agricultural College of Utah, 1912; M.S., University of California, 1914; Ph.D., *ibid.*, 1925. **Professor and Head of the Department of Irrigation and Drainage**, Agricultural College of Utah, Logan, Utah, 1919 to date. **Acting Dean of the School of Engineering**, 1928-29. Assistant, Division of Irrigation Investigation, U. S. Department of Agriculture, Summers 1913, 1914; Instructor, University of California, 1914-16; Assistant Professor of Irrigation and Drainage, Agricultural College of Utah, 1916-17; Associate Professor, same, 1917-19. **Hydraulic Engineer**. **Member** of Committee on Irrigation, U. S. Food Administration for Utah, 1917-18. **Author:** *Investigations of the Economic Duty of Water*



for *Alfalfa in Sacramento Valley, California* (Junior author), State of California Department of Engineering Bulletin No. 3, 1917; *Practical Information on Measurement of Irrigation Water*, Utah Agricultural Experiment Station Circular No. 36, 1918; *Legislation Concerning Water Rights*, same, No. 38, 1918; *The Net Duty of Water in Sevier Valley* (Senior author), Utah Agricultural Experiment Station Bulletin No. 182, 1922; *Water Holding Capacity of Irrigated Soils* (Sr. author), same, No. 183, 1922; *The Moisture Equivalent as influenced by the Amount of Soil Used in Its Determination* (with others), University of California Publications, Technical Paper No. 16, 1924; "Studies on Capacities of Soils for Irrigation Water, and on a New Method of Determining Volume Weight," *Journal of Agricultural Research*, 1918; "Economy in the Use of Irrigation Water" (Sr. author), *Transactions of the American Society of Agricultural Engineers*, Vol. XI, pp. 181-190, pub. also in *Reclamation Record*, Vol. IX, No. 4, April 1918; "The Application of Hydrodynamics to Irrigation and Drainage Problems," *Hilgardia* (a journal of agricultural science pub. by the California Agricultural Experiment Station), Vol. 2, No. 14, April 1927; "The Consumptive Use of Water in Irrigation" (written as member of the Duty of Water Committee, Irrigation Division, American Society of Civil Engineers), *Proceedings of the American Society of Civil Engineers*, April 1928; "The Drainage of Land Overlying Artesian Basins" (with others), *Soil Science*, Vol. XXVI, No. 1, July 1928; also numerous articles in daily press and weekly farm papers. Contributor to *Book of Rural Life*. **Member:** Western Society of Soil Science; American Society of Civil Engineers; Gamma Sigma Delta; Phi Kappa Iota; Phi Kappa Phi; Vice-President, Western Society of Soil Science, 1922. Secretary, Utah Irrigation and Drainage Congress, 1915; Delegate to International Irrigation Congress, Sacramento, Calif., 1915; Delegate to United States Chamber of Commerce, Western Division, San Francisco, 1924; same, Seattle, 1925.

*Biography in Rus*, 1918, 1920, 1925, 1930; *Who's Who in Engineering*, 1925; *American Men of Science*, 1927. **Born** at Hyrum, Utah, Dec. 25, 1887; father, A. M. Israelsen, was born at Kastfjorden, Tromsøe Amt; mother, Bolette (Wilson) I., American; cousin of Prof. Irving J. Jensen (q. v.).

**IVERSON, CARROLL ARTHUR**, B.S., South Dakota State College, 1915; M.S., Iowa State College, 1917. **Associate Professor of Dairying**, Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa, 1919 to date. 1st Lieutenant of Infantry, U. S. Army, France, 1918-19. **Member:** Sigma Alpha Epsilon; Alpha Zeta. *Biography in Rus*, 1920, 1925, 1930. **Born** at Frederik, S. Dak., 1893; ancestors came from Gudbrandsdalen.

**IVERSON, PALMA S.**, see Palma S. Iverson Greenberg.

**IVERSON, PETER JULIUS**, Graduate, State Normal School, Mayville, N. Dak., 1906; A.B. (Valedictorian), Luther College, 1910; M.A. in School Administration and Supervision, University of North Dakota, 1917; Ph.D., University of Cincinnati (expected in near future). **Professor of Secondary Education and Director of the School of Practice**, North Dakota Agricultural College, Fargo, N. Dak., 1929—. **Teacher** in the Public Schools of Minnesota and North Dakota, 1898-1901; Supt. of Schools, Towner, N. Dak., 1906-07; Teacher, Preparatory Department, Luther College, 1908-09; Supt. of Schools, Michigan, N. Dak., 1910-13; County Supt. of Schools, Nelson County (Lakota), N. Dak., 1913-20; Professor of Secondary Education and Supervisor of Practice Teaching, North Dakota Agricultural College, 1920-29; Fellow, University of Cincinnati (on sabbatical leave), 1928-29. Has conducted Teachers Institutes for the State Department of Public Instruction, N. Dak., 10 years. **Member:** American Association of University Professors; Phi Beta Phi; Phi Delta Kappa; Pi Gamma Mu.

**Biography** in *History of North Dakota; School Calendar*, 1924. Born in Oslo, Norway, June 17, 1880; brought to Ridgeway, Iowa, at the age of three; father, Amund Iversen, was born in Hadeland; mother, Maren (Sorlie) Iversen, was born near Fetsund, in the vicinity of Oslo.

**JACOBS, JUDITH ALYMERE**, Student, St. Olaf College, three years; A.B., University of Minnesota, 1917; A.M., *ibid.*, 1919; Add. Graduate Work, Universities of Chicago and Minnesota. **Associate Professor of Education, Kansas State Teachers College, Emporia, Kans., 1926 to date.** Scholar in Education, University of Minnesota, 1918-19; Psychologist and Mental Examiner, Sedgwick Clinic, Minneapolis, 1919-20; Director of Special Classes, and State Examiner, Public Schools, Park Rapids, Crosby, and Eveleth, Minn., 1920-24; Assistant Professor of Education, Kansas State Teachers College, Emporia, Kans., 1924-26. **Author:** "The Crosby Plan of Extra-School Activities," *Ungraded*, Feb. 1925; "Objectives and Minimum Essentials in English," *Teaching*, Dec. 1926; "A Course of Study in Reading," *ibid.*, Dec. 1926. "In an evaluation of 30,000 courses of study on file in the bureau of curriculum research" of Teachers College, Columbia University, the course of study contributed by Prof. Jacobs with two other members of the Emporia College faculty was "judged to be outstanding." (Extract from letter of Dr. Herbert B. Bruner, Head of the Bureau of Curriculum Research, published in the *Emporia Gazette*, March 12, 1929). Violinist; formerly member of St. Olaf String Quartette; now member of the Teachers' Trio, State Teachers College of Emporia. **Member, Pi Lambda Theta** (honorary educational). State Chairman (Kansas), Women's Auxiliary, Norse-American Centennial, Minneapolis, 1925. *Biography in Souvenir Norse-American Women 1825-1925*, Minneapolis, 1925. **Born** at Mt. Horeb, Wis.; father, Andrew Jacobs,

came from Nordre Aurdal, Valdres, in 1883; paternal grandfather, Ole Jacobsen Huset, was one of the strongest men of his time; paternal grandmother was Randi Halvorson Piper (whose father, a brilliant intellect, played a bag-pipe in the Norwegian army, hence the name of Piper); mother, Anna (Barton) Jacobs, was born in Wisconsin; maternal grandfather, Ole Braaten, one of the earliest settlers at Blue Mounds, Wis., came from Svennes, Nordre Aurdal Valdres, in 1842; second cousin, Albert A. Barton (grandson of above Ole Braaten), is a well-known journalist of Madison, Wis., formerly Private Secretary to the late Senator Robert M. La Follette; maternal grandmother was Marit (Lien) Braaten, whose father, Trond Lien, was an accomplished violinist; mother's (Mrs. Andrew Jacobs') first cousins: Thomas Thompson (grandson of Trond Lien and Kara Bjorgo Lien), Supt. of Schools of Dane County, Wis., for many years; Dr. Albert Thompson, physician and surgeon; Rev. Christian Thompson, teacher at Spokane (Wash.) College, 1907-11, and pastor in Iowa, Idaho, Washington, and Wisconsin since 1901; Rev. Bennet A. Benson (also a grandson of Trond Lien, on his mother's side), teacher at Mt. Horeb (Wis.) Academy, 1895-96, pastor at Alexandria, Minn., 1900-15, and pastor at Brookings, S. Dak., since 1915; Prof. William C. Benson, member of the history faculty at St. Olaf College since 1913; sister of Mabel Jacobs (q.v.).

**JACOBS, MABEL**, Diploma in Music, St. Olaf College, 1913; Pupil of Franz Emerich, Berlin, and Mme. Julie Haensen, Leipzig, 4 years; Oscar Saenger, New York, 3 years; Franz Proschowski, Chicago; Roy Wall, Kansas City. **Instructor in Voice, Kansas State Teachers College, Emporia, Kans., 1923 to date.** Assistant to Mme. Julie Haensen, Leipzig, one and one-half years; Private Studio, New York City, two years; Principal Alto with St. Olaf Choir, four years; Soloist with St. Olaf Choir on European tour (when



she sang for the King and Queen of Norway), 1913; Church and Temple positions in New York. **Recitals:** in Germany and Switzerland (endorsed by Otto Lahse, former Director of the Leipzig Opera); at Carleton College; Kansas State Teachers College of Emporia; District Convention of Women's Clubs; State Convention of Women's Federated Clubs; National Luther League Convention, Milwaukee, Wis.; State Convention of Kansas Music Teachers; Valdris Samband at Norse-American Centennial, Minneapolis, 1925. Has performed roles of Fricka Waltraute with Andreas Dipple Opera Company; Contralto Soloist at performance of Elijah, Music Festivals, State Teachers College of Emporia, four consecutive years. **Repertoire:** *Songs*, classic and modern, sung in their original languages: Italian, French, Swedish, Norwegian, German, and English. *Oratorios:* Bach, Handel, Mendelssohn, and modern compositions. *Arias:* "Ah! rendimi quel Core" from Rossini's *Mitrame*; "O Don Fatale" from Verdi's *Don Carlos*; "Voce di donna" from Ponchielli's *Gioconda*; "Che faro senza Euridice" from Gluck's *Orfeo*; "Ombra Mai fu" (Largo) Handel; "Gerechter Gott" from Wagner's *Rienzi*; "Waltrautes Erzählung" — Wagner's *Götterdämmerung*; the three big Arias from Saint Saen's *Samson et Dalila*; and the three Arias from Meyerbeer's *Prophete*. *Operas:* Has performed in Oscar Saenger's studio the contralto roles of Dalila, Ortrud, Amneris, Fides, Acuzena, and Erda. Awarded Scholarship at the Royal Conservatory of Music, Leipzig; awarded Saenger Scholarship, Chicago. Owing to break-down in health, gave up an operatic career. **Author,** "The Vocal Teacher versus the Singing Teacher," paper presented to State Convention of Music Teachers, Lawrence, Kans., Feb. 1927. *Biography in Souvenir Norse-American Women 1825-1925*, Minneapolis, 1925. Sister of Prof. Judith A. Jacobs (q. v.); brother, Otto Jacobs, is a fine bass-barytone; sister, Ruth Jacobs, is a Graduate of the University of Minnesota, and

was formerly a member of the St. Olaf Choir.

**JACOBSEN, ANNA, B.A.,** University of Wisconsin, 1903; Additional Study of Languages. In Charge of the Re-Classification and Cataloging of the Wittenberg College Library, Springfield, Ohio, 1925 to date. Cataloger, Wisconsin Historical Society Library, Madison, Wis., 1902-10, 1912-16; Cataloger, U. S. Bureau of Labor Library, Washington, D. C., 1911; Cataloger, Library of Congress, Washington, D. C., 1916-19; Cataloger, Iowa State College Library, Ames, Iowa, 1919-24. **Author** of various articles published in magazines, and poems in Norwegian contributed to *Symra*, Decorah, Iowa. **Member:** American Library Association; American Association of University Women; American-Scandinavian Foundation; Norwegian-American Historical Association; University of Wisconsin Alumni Association. **Born** in Decorah, Iowa; father, the late Rev. J. D. Jacobsen, Professor of Greek, Latin, Hebrew, and German, Luther College, 1872-81, was born at Gjerpen, near Skien, and brought to the United States at the age of one; maternal grandparents came from Tin, Telemarken, to Wisconsin in 1843; brother, Rev. D. G. Jacobsen, was a Teacher at Park Region Luther College, Fergus Falls, Minn., 1913-22, and has served as Pastor in Fargo, No. Dak., 1906-12, Baudette, Minn., 1922-26, and St. Hillaire, Minn., since 1926; second cousin of Prof. Burns O. Severson (q.v.); sister of Karl T. Jacobsen (q.v.).

**JACOBSEN, ELSIE INGE-BORG,** Graduate, Sargent School of Physical Education, Boston, 1924; B.S., State College of Washington, 1926. **Assistant Professor** of Physical Education, University of Idaho, Moscow, Idaho, 1925-26. Instructor in Physical Education, State College of Washington, 1924-25; instructor in Physical Education for Women, Oregon State Agricultural College, 1926 to date. **Born** in the United States; father came from Oslo.

**JACOBSEN, GERTRUDE ANN**, B.A., (with honors), University of Minnesota, 1917; A.M., University of Minnesota, 1918; Ph.D., Yale University, 1929. **Instructor in History, Hunter College, New York, N. Y., 1924-28.** Teaching Fellow and Research Assistant in History, University of Minnesota, 1917-20; Instructor in History, College of Wooster (Ohio), 1920-22; Harry Thornton Peckle Scholar in History, University of Manchester, England, 1922-23; Bulkley-Currier Fellow in History, Yale University, 1928-29. Winner of First Place, *Journal Prize for Historical Essays*, University of Minnesota. **Member**, Phi Beta Kappa. **Born** in the United States; father, pastor in the Norwegian M. E. Church, was born in Bergen; mother born in Fredrikstad.

**JACOBSEN, KARL THEODOR**, A.B., Luther College, 1902; A.M., University of Wisconsin, 1906. **Head Classifier, University of Chicago Libraries, Chicago, Ill., 1916-20.** Teacher of Greek, Luther College, 1904-05; Assistant, Wisconsin Historical Society Library, Madison, Wis., 1906-07; Cataloger, Library of Congress, Washington, D. C., 1907-11; Cataloger and Classifier, U. S. Bureau of Labor Library, Jan.-May, 1910; Assistant Classifier, University of Chicago Libraries, 1911-16; Librarian, Luther College, 1920 to date. **Author:** "Mid-West College Library Budgets," paper read before the College Librarians of the Middle West, 1927, and published in *Library Journal*, March 1928; also various other papers read at State and regional library meetings; Bibliography of Publications by Norwegian-Americans, being compiled in conjunction with Jacob Hodnefeld (q.v.). **Member:** American Library Association; Iowa Library Association; Symra Society, Decorah. **Biography** in *School Calendar*, 1924; *Who's Who Among North American Authors*, 1925, 1928. **Born** at Decorah, Iowa, Aug. 28, 1879; brother of Anna Jacobsen (q.v.).

**JACOBSEN, VICTOR CLARENCE**, B.S., University of Wisconsin, 1915; M.D., Harvard University, 1917. **Professor and Head of the Department of Pathology, Albany Medical College, Union University, Albany, N. Y., 1921 to date.** Medical House Officer, Peter Bent Brigham Hospital, Boston, 1917-18; 1st Lieutenant, Medical Corps, U. S. Army, in charge of War Gas Research, Madison, Wis., 1918; Pathological House Officer, Peter Bent Brigham Hospital, Boston, 1919; Assistant Professor of Pathology, University of Wisconsin, 1919-20; Resident Pathologist, P. B. Brigham Hospital, Boston, 1920-21; also Instructor in Pathology, Harvard Medical School, 1921; Pathologist and Director of Laboratories, Albany Hospital, 1921 to date; Professor of Bacteriology, Albany College of Pharmacy, Union University, 1921 to date. **Author** of numerous papers in medical journals. **Member:** American Association of Pathologists and Bacteriologists; Society of American Bacteriologists; Association for Cancer Research; American Association for the Advancement of Science; Nu Sigma Nu; President, New York State Association of Public Health Laboratories, 1925. **Biography** in *Who's Who in New York*, 1924, 1929; *Who's Who in American Medicine*, 1925; *American Men of Science*, 1927; *Who's Who in the East*, 1930. **Born** at La Crosse, Wis., Sept. 17, 1891; son of Jacob T. and Helen S. (Skramstad) J.; descendant of Ludvig Skramstad, noted Norwegian painter (see *Aschehougs Konversationsleksikon*, Oslo, 1925).

**JACOBSON, LYDIA OLAVA**, B.S., Iowa State College, 1919; M.S., *ibid.*, 1922. **Professor of Home Economics, Alaska Agricultural College and School of Mines, Fairbanks, Alaska, 1925 to date.** Instructor in Vocational Education in Home Economics, Iowa State College of Agriculture and Mechanic Arts, 1922-25. **Member:** Phi Kappa Phi; Omicron Nu. Valedictorian, High School. **Born**



in Iowa, 1891; father came from Eidsvold, mother from Hallingdal.

**JACOBUS, RUTH HJERTAAS** (Mrs. Melvin Jacobus), Diploma, Columbia Normal School of Physical Education, Chicago. Assistant Professor of Physical Education and Head of the Department of Physical Education for Women, South Dakota State College of Agriculture and Mechanic Arts, Brookings, S. Dak., 1919-20; Instructor in Physical Education for Women, Oregon State Agricultural College, 1920-24; Head of Physical Education Department, Young Women's Christian Association, Portland, Ore., 1924-25; Head of the Department of Physical Education for Girls, High School, Piedmont, Calif., 1925 to date. **Member**, Delta Psi Kappa (honorary physical education society). **Born** at Mayville, N. Dak.; father, the late Rev. Hans Hjertaas, pastor in Wisconsin, North Dakota, and Washington, 1885-1922, was born in Lindaas, near Bergen; mother's parents came from Stavanger; sisters: Ella Hjertaas, Teacher in the Public Schools of Minnesota and Washington, 1913-17, and Teacher of Voice at St. Olaf College since 1920; Mrs. Herman Roe, Teacher of Piano and Voice at St. Olaf College since 1910.

**JEFFSON, RUBY HENRIETTA**, A.B., St. Olaf College, 1919; M.A., University of Chicago, 1927. Professor of English and Director of Dramatics, State Teachers College, Mayville, N. Dak., 1927 to date. Teacher, High School, Hancock, Minn., 1919-21; Instructor in English, St. Olaf College, 1921-24; Instructor in English, State Teachers College, Mayville, N. Dak., 1924-26.

**JENSEN, ARNE SIGURD**, Life Diploma, Bellingham (Wash.) State Normal School, 1913; A.B., University of Washington (Seattle), 1919; A.M., *ibid.*, 1923; Ph.D., *ibid.*, 1927. Professor and Head of the Department of

Education, Linfield College, McMinnville, Ore., 1925-27. Assistant Teacher of Mathematics and Science, Bethania College, Everett, Wash., 1909-11; Teacher, Coupeville (Wash.) High School, 1912-13; Principal of Schools, Lawrence, Wash., 1913-16; Principal, Leavenworth, Wash., 1916-19; Principal, Selah, Wash., 1919-20; Supt. of Maxie Consolidated Schools, 1920-23; Teaching Fellow in Education, University of Washington, Seattle, 1923-25; Head of the Department of Education, State Normal School, Monmouth, Ore., 1927 to date. **Author**: *The Rural Schools of Norway*, Stratford Company, Boston, 1928 (a "scholarly discussion of the history, development, organization, administration," etc., of the rural schools of Norway); *A Text-book in Child Psychology* (in preparation); "Rural Opinions of Educational Philosophy," *Journal of Rural Education*, Nov. 1925; "Sociology in the High Schools of the State of Washington," *Washington Educational Journal*, Dec. 1925. **Member**: National Education Association; Oregon State Teachers Association; Phi Delta Kappa (national honorary education fraternity); Past Master, Washington Chapter, Phi Delta Kappa. **Biography in School Calendar**, 1924; *Who's Who in Oregon*, 1929-30; *Who's Who in American Education*, 1930, p. 718. **Born** at Try, Søgne Parish, near Christiansand S., Sept. 4, 1886; came to Everett, Wash., 1903.

**JENSEN, EMMA B.**, B.S., Teachers College, Columbia University, 1918; M. S., *ibid.*, 1920; Diploma in Household Arts Education, *ibid.* Head of the Department of Home Economics, Illinois Wesleyan University, Bloomington, Ill., 1918-19; Associate Professor, Supervisor of Practice Teaching in Household Arts, College of Industrial Arts, Denton, Texas, 1919-23; Associate Professor, Supervisor of Practice Teaching of Home Economics, Winthrop College, Rock Hill, S. C., 1923-26; Teacher of Foods and Nutrition, Scott High School, Toledo, Ohio, 1926-29. Tours of Western Parks, Alaska, and Europe; also Mid-

night Sun Cruise. Born at Franklin, Minn.; father came from Skedsmo, Leirsund, near Oslo; mother from Mo, Ranen, Helgeland; brother, Henry M. Jensen, is a Commander in the United States Navy.

**JENSEN, GERARD EDWARD**, A.B., Yale University, 1907; A.M., Yale, 1909; Ph.D., Yale, 1913. Assistant Professor of English, Connecticut College for Women, New London, Conn., 1921 to date. Instructor in English, Yale College, 1911-13; Instructor in English, Cornell University, 1913-15; Instructor in English, University of Pennsylvania, 1915-18; Assistant Professor of English, Wells College, 1918-19; Instructor in English, Connecticut College for Women, 1919-21. **Editor:** Henry Fielding's *The Covent-Garden Journal*, 2 vols., Yale University Press, 1915. Born in the United States; paternal grandfather born in Norway.

**JENSEN, IRVING J.**, B.S., Agricultural College of Utah, 1918; M.S., *ibid.*, 1924. Assistant Professor of Agronomy, Montana State College, Bozeman, Mont., 1922-26. Instructor in Agronomy, Montana State College, 1921-22; Superintendent, Judith Basin Branch, Montana Agricultural Experiment Station, Moccasin, Mont., 1926 to date. **Member:** Phi Kappa Phi; Gamma Sigma Delta; Phi Kappa Iota. *Biography in Rus*, 1925. Born at Hyrum, Utah, April 8, 1897; died May 22, 1930; father was born in Denmark; mother (nee Israelsen), born at Kastfjorden, Tromsøe Amt; cousin of Dr. O. W. Israelsen (q.v.).

**JENSEN, J. H.**, B.A., University of Michigan, 1911; M.S., *ibid.*, 1916; Add. Graduate Work, University of Minnesota, and Teachers College, Columbia University. Professor of Chemistry and General Science and Head of the Division of Science, Northern State Teachers College, Aberdeen, S. Dak., 1922 to date. Head of the Department of Science, Aurora (Ill.) College, 1912-16; Head of the Department of Physics, Cen-

tral High School, Lansing, Mich., 1916-18; Professor of Physics and Chemistry, Northern State Teachers College, Aberdeen, S. Dak., 1918-22. **Author:** "Survey of Science Teaching in South Dakota High Schools," *Journal of Chemical Education*, July 1927; "An Investigation of Types of Classrooms for Chemistry and other Sciences in Small High Schools" (with Earl R. Glenn). *ibid.*, April 1929, published also in *American School Board Journal*, May 1929; "Aids for the Teaching of Science," *School Science and Mathematics*, Feb. 1929 and following issues; "Science Survey of the High Schools of South Dakota," paper read at meeting of the Division of Chemical Education, American Chemical Society, Richmond, Va., April 1927, read also at meeting of Round Table of Physics and Chemistry, South Dakota Education Association, Nov. 23, 1926, and before the South Dakota Academy of Science, Brookings, S. Dak., May 22, 1927; paper on "Combined Laboratory and Classroom for the Teaching of Science in the Small High School" (worked out in a series of 60 charts transferred to a strip film), given at the following meetings: Division of Science, National Education Association, Minneapolis, July 3, 1928; Division of Chemical Education, American Chemical Society, Swampscott, Mass., Sept. 12, 1928; Round Table of Chemistry and Physics, South Dakota Education Association, Mitchell, S. Dak., Nov. 26, 1928; Department of School Boards, South Dakota Education Association, Nov. 27, 1928; and Department of Secondary Education, South Dakota Education Association, Nov. 28, 1928. **Member:** American Chemical Society; American Association for the Advancement of Science; National Education Association; South Dakota Education Association; Central Association of Science and Mathematics Teachers; Lion International; member of Senate of Chemical Education, American Chemical Society (representing the colleges of South



Dakota); Chairman of the Committee on Minimum Equipment for the Teaching of High School Chemistry, Senate of Chemical Education, American Chemical Society; Chairman of Executive Committee of Round Table of Physics and Chemistry, South Dakota Education Association, 1923-26; President of Round Table of Physics and Chemistry, South Dakota Education Association, 1927-28; Second Vice-President, South Dakota Academy of Science, 1928-29. In prize essay contest, his students won one Second Prize of \$300.00 and three First Prizes of \$500.00 each, in three years. Born at Pullman, Ill., July 1, 1883; paternal grandfather, Jens S. Sortland, was postmaster in Bremnes, Finnaas, Søndhordland, 1878-1903; uncle, Jens J. Sortland, has served as postmaster there since 1903; father, Hans Jensen, left Bremnes at the age of 16, learned the trade of cabinet maker in Haugesund, came to the United States in 1880, and was in the service of the Pullman Palace Car Company at Chicago and Buffalo for 46 years, having served as foreman of the Cabinet and Wood Machine Departments in the plant at Buffalo, N. Y., for 26 years when recently retired with pension; mother, Johanna T. (Sveen) J., came from Sveen, near Haugesund, in 1881; sisters: Mrs. Robert Anderson, teacher in Public School No. 22, Buffalo, N. Y., and Supervisor of Practice Teaching by Buffalo Normal School students, 1911-16; Mrs. Harold P. Graser, formerly teacher of Domestic Science in the Public Schools of Buffalo; Florence E. Jensen, teacher in the Public Schools of Buffalo, N. Y., since 1919.

**JERNBERG, REINERT AUGUST**, B.A., Yale University, 1884; B.D., Chicago Theological Seminary, 1887; D.D., *ibid.*, 1910. Lecturer in New Testament Greek, University of Southern California, Los Angeles, Calif., 1924-25. Pastor, East Berlin, Conn., 1883-85; Pastor, Chicago, Ill., 1887-90; In-

structor, Danish-Norwegian Institute, Chicago Theological Seminary, 1885-95; Professor, same, 1895-1916; also Director of same; Professor of New Testament Literature, Union Theological Seminary, Chicago, 1916-23; Librarian, School of Divinity, University of Southern California, 1925 to date. **Author:** *A Viking Comes Ashore*, an autobiography, as yet unpublished; numerous articles in American and Norwegian journals. Founder of *Evangelisten*, Chicago, 1890; **Editor**, same, 10 years. **Member**, Delta Kappa Epsilon; Ministerial member, Conference of Congregational Churches. **Biography** in *Who's Who in America*, since 1914-15 ed. Born at Halden, Nov. 30, 1855; came to the United States in 1874.

**JESNESS, OSCAR BERNARD**, B.S.A., University of Minnesota, 1912; M.S., *ibid.*, 1924; Ph.D., *ibid.*, 1928. Professor and Chief of the Division of Farm Management and Agricultural Economics, University of Minnesota College of Agriculture, St. Paul, Minn., 1928—. Teacher, High School, Winthrop, Minn., 1912-13; Assistant in Marketing, University of Minnesota, 1914-15; Specialist in Cooperative Organization, Bureau of Markets, U. S. Department of Agriculture, Washington, D. C., 1915-20; Professor of Marketing and Head of the Department of Markets and Rural Finance, University of Kentucky, 1920-28; also Professor, University of Chicago, Summer Quarter, 1925. **Author:** *The Cooperative Marketing of Farm Products*, J. B. Lippincott Co., Philadelphia, 1923; "Cooperative Marketing of Potatoes," *Studies in Social Sciences* No. 4, University of Minnesota, 1915; "Cooperative Marketing: Where? When? How?" (joint author), U. S. Department of Agriculture Yearbook, 1917; *Cooperative Purchasing and Marketing in the United States*, bulletin published in Russian by the International Committee of the Y. M. C. A., 1919; *Cooperative Organization By-Laws* (joint author), U. S. Dept. of Agric. Bull. 541, 1918; *Cooperative Purchasing and Marketing Organizations*

*among Farmers* (joint author), U. S. Dept. of Agric. Bull. 547, 1917; *The Organization of Cooperative Grain Elevator Companies* (joint author), U. S. Dept. of Agric. Bull. 860, 1920; *Producers' Cooperative Milk Distributing Plants* (joint author), U. S. Dept. of Agric. Bull., 1095, 1922; *Cooperative Marketing*, U. S. Dept. of Agric. Farmers Bulletin 1144, 1920; *Cooperative Live-Stock Shipping Association* (joint author), Kentucky Extension Circular 104, 1921; *Cooperative Marketing*, Ky. Ext. Cir. 115, 1922; *Marketing Farm Products*, Ky. Ext. Cir. 130, 1922; *Plans for Cooperative Marketing*, Ky. Ext. Cir. 134, 1922; *Marketing Kentucky Strawberries*, Ky. Exp. Sta. Bull. 246, 1923; *Cooperative Marketing and Price Control*, Ky. Exp. Sta. Bull. 271, 1926; *Marketing of Tobacco*, Ky. Exp. Sta. Bull. 287, 1928; *Cooperative Marketing of Tobacco*, Ky. Exp. Sta. Bull. 288, 1928. Contributor to *Journal of Farm Economics*. **Member:** American Farm Economics Association; American Statistical Association; American Economic Association; Alpha Zeta; Gamma Sigma Delta. **Biography in** *Rus*, 1918, 1920, 1925, 1930; *Who's Who Among North American Authors*, 1927-28, 1929-30. **Born** at Morris, Minn., Feb. 4, 1889; parents born in Norway.

**JOHANNESEN, ROBERT EASTNOR**, B.S., University of Idaho, 1920; M.D., University of Chicago, 1928. **Instructor in Physiology**, University of Illinois College of Medicine, Chicago, Ill., 1926-28. Assistant in Chemistry, University of Idaho, 1920-21; Instructor in Chemistry, University of Idaho, 1922-23. **Member:** Beta Theta Pi; Nu Sigma Nu (medical). **Born** at Idaho Falls, Idaho, Sept. 29, 1897; parents came from the vicinity of Oslo; sister, Verna R. Johannesen, was formerly for many years District Home Demonstration Agent, Boise, Idaho, and is now State Leader of Home Demonstration Work for the State of Wyoming with headquarters at Laramie.

**JOHANNESEN, ROLF THORLEIF HORN**, A.B., Uni-

versity of Wisconsin, 1918; Ph.D., University of Wisconsin, 1923. **Assistant Professor of History**, College of the City of Detroit, Detroit, Mich., 1928—. Assistant in History, University of Wisconsin, 1921-22; Acting Instructor in History, University of Wisconsin, 1922-23; Instructor in Ancient History, University of Michigan, 1924-25; Assistant Professor of History, University of Louisville (Ky.), 1925-27; Assistant Professor of History, Indiana University, 1927-28. **Author:** "Ptolemy Philadelphus and Scientific Agriculture," *Classical Philology* (Chicago), Vol. 18, 1923; "Une princesse namuroise sur le trône de Norvège," *Revue Belge de Philologie et d'Histoire* (Brussels), April-June, 1924; "A Roman Town in Africa," *History Quarterly* (Louisville, Ky.), Vol. 1, No. 2, Jan. 1927. **Born** in Skien, Norway.

**JOHANSON, JOEL MARCUS**, A.B., University of Washington, Seattle, 1904; Student, Oxford University. **Assistant Professor of English**, University of Washington, Seattle, Wash., 1914-19. Rhodes Scholar from the State of Washington, Oxford University, England, 1904-07; Instructor in German, University of Washington, Seattle, 1907-09; Instructor in English, same, 1909-14. The first person to be appointed Rhodes Scholar from the State of Washington. First Norwegian-American to be appointed Rhodes Scholar. "Joel Marcus Johanson died from an automobile accident on December 13, 1919. He was an Assistant Professor in English at the time of his death, and was exerting a profound influence in his very quiet way on the cultural and spiritual life of the University. His library was given to the English department and formed the nucleus of a growing library, which is now housed in his former office." Frederick M. Padelford, Assistant Dean of Faculties, University of Washington. **Born** at Independence, Wis., 1879; father came from the island of Froyen, near



Trondheim; mother (nee Syvertsen) from Biri, Gudbrandsdalen (Ulvestad, p. 765).

**JOHNSON, ALBERT AARON**, Student, South Dakota State College, 3 years; B.S.A., University of Wisconsin, 1907; Graduate Work, University of Wisconsin. **Professor of Agriculture and Director of the School of Agriculture, North Georgia Agricultural College, Dahlonega, Ga., 1907-08.** Reorganized same; Principal, Marinette County School of Agriculture and Home Economics, Marinette, Wis., 1908-09; Planned, organized, and conducted as Principal, La Crosse County School of Agriculture and Domestic Science, Onalaska, Wis., 1909-12; also Adviser in large agricultural developments, 1909-12; Planned, organized, built, and conducted as Superintendent, Milwaukee County School of Agriculture and Home Economics, Wauwatosa, Wis., 1912-14; Planned, organized, built, and conducted as Director, New York State Institute of Applied Agriculture, Farmingdale, Long Island, N. Y., 1914-23 (the Institute having been authorized by the New York legislature in 1912, formally opened March 1, 1916); Planned, organized, and conducted as President, J. C. Penney Institute of Applied Agriculture, near Jacksonville, Fla. (the agricultural development comprising 120,000 acres), 1925-27; Lecturer, Economic Adviser, and Traveler, 1927 to date. Member of National Agricultural Conference, Washington, D. C., by appointment of President Harding, 1921; Adviser in agricultural reconstruction work in Turkey, Armenia, and the devastated regions of France for the American Committee for Devastated France, 1921; Chairman, Russian Commission of the Near East Relief, 1921, this being the first foreign commission permitted to travel throughout the interior of Russia (report of its findings made to the Near East Relief and to Herbert Hoover); 2nd trip to Russia for the purpose of economic study, 1923; Organizer and manager of unofficial commission composed of U. S. Senators,

one Congressman, and himself for the study of economic conditions in Russia, 1923; 4th trip, making extensive industrial, economic, and political study and survey of Russia, 1928; 5th trip to Russia and Siberia, 1929; 6th trip, 1930. Has traveled about 30,000 miles in Russia, going to the extreme South, to the extreme West, into Siberia on the East, and up toward the frozen North; on two of his trips had a private railway car with interpreters, secretaries, and all facilities for the making of a thorough study of the economic and political conditions of the country. Knows personally the President, most of the Cabinet Officers, and many of the highest officials of the Associated Republics. Speaking of the New York Institute of Applied Agriculture, the late President Theodore Roosevelt, a neighbor of Mr. Johnson, said, "Among all valuable agricultural colleges of the nation, the institution at Farmingdale stands out, because it doesn't only teach farming, but to an extent equalled nowhere else, it *creates farmers.*" **Author:** *Russia at Work* (book containing 64 charts portraying the present industrial, economic, and political status of Russia), A. A. Johnson & Associates, Springfield, Mass., 1928; *The Soviet Union at Work—Past, Present, Future*, A. A. Johnson & Associates, Springfield, Mass., 1929; *Progress in the Soviet Union: The Five-Year Plan with Results Accomplished*, A. A. Johnson, Springfield, 1931; Reports of the commission of 1923, presented to Congress; also many other reports of studies, trips, and travels in Russia, published in *Congressional Record* and various other publications throughout the United States, France, and England; Series of six articles on present-day Russia, appearing in "The March of Events" section of a large group of prominent newspapers throughout the United States, early part of 1929; further reports in same newspapers, 1930. Holder of 2 patents. Cowboy, ranch foreman, and ranch manager in South Dakota during boyhood. Member of American Olympic Team, 1904; holder of 16-pound

hammer throwing record; holder of all strength records, University of Wisconsin. Enlisted for service in the Spanish-American War at the age of 18; awarded the Philippine Congressional Medal for active service in the Philippine Islands; has held all the ranks from Private to Lieutenant-Colonel in the National Guard. Active in Liberty Loan campaigns. Official, Louisiana Purchase Exposition, St. Louis, 1904, and Lewis and Clark Exposition, Portland, Ore., 1905. **Member:** National Geographic Society; Veterans of Foreign Wars; Alpha Tau Omega; President, National Association for the Promotion of Secondary Education, 1910—. **Biography** in *Rus*, 1918, 1920, 1925, 1930; *National Cyclopaedia of American Biography*, Current Vol. A., New York, 1926; *Who's Who in America*, 1930-31. **Born** at McFarland, Wis., Jan. 1, 1880; reared near the Sioux Indians in South Dakota; paternal grandfather, Ingebrict Johnson, was born near Skien; father, Isaac Johnson (d. 1882), was born in the United States in 1850; mother, Ellen Aase (Bakke) J., was born in the United States, her parents having come from Gudvangen, Sogn; wife, Anne Ellene (Glenn) J., is a daughter of Dr. G. R. Glenn, President of North Georgia Agricultural College; son, Albert R. Johnson, at the age of 21, is an internationally known designer of stage scenery, having designed the settings for some of the most famous plays produced recently in New York as well as for an operetta opened in London in 1931, and became a Broadway producer in fall of 1931.

**JOHNSON, AMANDA, A.B.**, University of Minnesota, 1906; A.M., *ibid.*, 1907; Grad. Work, Universities of Michigan and Chicago, 1911-13; Lecture Course in History, Europe, Summer 1912; Ph.D., University of Chicago, 1925. **Professor** of History and Political Science, Georgia State College for Women, Milledgeville, Ga., 1924 to date. **Teacher** of Grammar Grades, Rochester, Minn., 1901-04; Assistant Principal, Polk County Training School for Teachers, St.

Croix Falls, Wis., 1907-11; **Teacher** of History and Education, Sioux City (Iowa) High School and Sioux City Normal School, 1913-18; **Professor** of Sociology, Economics, and Finance, Dakota Wesleyan University, 1918-21; **Head** of the History Department, State Teachers College, Mayville, N. Dak., 1921-24. **Member**, Pi Gamma Mu. **Biography** in *Bulletin of the Georgia State College for Women*, Jan. 1929. **Born** in the United States; parents came from Oslo; on father's side, cousin of Hon. Andrew Volstead, **Member** of Congress from Minnesota, 1903-23, her father being the brother of Congressman Volstead's mother.

**JOHNSON, ARDEN RICHARD, B.S.**, University of Wisconsin, 1906; M.S., *ibid.*, 1908; Ph.D., *ibid.*, 1911. **Professor** of Chemistry, Lindenwood College, St. Charles, Mo., 1922 to date. **Instructor** in Chemistry, University of Wisconsin, 1906-08; **Professor** of Chemistry, De Paul University, Chicago, 1908-10; **Professor** and **Director** of the Engineering College, De Paul University, 1910-12; **Associate Professor** of Chemistry, Iowa State College of Agriculture and Mechanic Arts, 1912-13; **Research Chemist**, Madison, Wis., 1913-14; **Director**, Industrial Chemical Laboratories, 1914-17; **Assistant Professor** of Physical Chemistry, Northwestern University, 1918-19; **Consulting Chemist** and **Electro-chemical Engineer**, Chicago, 1917-22. **Author** of numerous papers published in scientific journals. **Inventor** of processes and machinery in the fields of electricity and photography. **Member:** American Chemical Society; American Electrochemical Society; American Association for the Advancement of Science; Wisconsin Academy of Science, Arts and Letters; Sigma Xi; Phi Lambda Upsilon; Secretary-Treasurer, Iowa Section, American Chemical Society, 1912. **Biography** in *Who's Who in Engineering*, 1925; *American Men of Science*, 1921, 1927. **Born** at Rutland, Wis., Sept. 21, 1884; paternal ancestors English; great-grandparents on mother's side came



from Stavanger to Chicago about 1837.

**JOHNSON, ARNOLD HARVEY**, B.S., University of Minnesota, 1921; M.S., *ibid.*, 1923; Ph.D., *ibid.*, 1924. Assistant Professor of Chemistry, Montana State College, Bozeman, Mont., 1925 to date. Strietmann Fellow, University of Minnesota, 1922-23; Assistant Professor of Chemistry, University of Minnesota, 1923-24; Assistant Chemist, Montana Agricultural Experiment Station, Bozeman, Mont., 1925 to date; Rockefeller Foundation Fellow for Study and Research under Dr. S. P. L. Sorensen, Copenhagen, 1927-28. **Author:** "Studies on Wheat Flour Grades III. Effect of Chlorine Bleaching upon the Electrolytic Resistance and Hydrogenion-Concentration of Water Extracts" (with C. H. Bailey), *A. O. A. C.* 6, 63-68, 1922; "The Physico-Chemical Properties of Strong and Weak Flours VII. The Physical State of the Gluten as Influencing the Loaf Volume" (with P. F. Sharp and R. A. Gortner), *Journal of Physical Chemistry*, 27, 942-947, 1923; "Studies on Wheat Flour Grades IV. Changes in Hydrogenion-Concentration and Electrolytic Resistance of Water Extracts of Natural and Chlorine Treated Flour in Storage" (with C. H. Bailey), *Cereal Chemistry*, Vol. 1, 133-137, 1924; "Carbon Dioxide Diffusion Ratio of Wheat Flour Doughs as a Measure of Fermentation Period" (with C. H. Bailey), *Cereal Chemistry*, Vol. 1, 293-304, 1924; "A Physico-Chemical Study of Cracker Dough Fermentation" (with C. H. Bailey), *Cereal Chemistry*, Vol. 1, 327-410, 1924; "Gluten of Flour and Gas Retention of Wheat Flour Doughs" (with C. H. Bailey), *Cereal Chemistry*, Vol. 2, 95-100, 1925; "Identification and Estimation of the Organic Acids Produced during Bread Dough and Cracker Dough Fermentation," *Cereal Chemistry*, Vol. 2, 345-364, 1925; "Possibilities and Limitations of Chloropicrin as a Fumigant for Cereal Products" (with R. N. Chapman), *Journal of Agricultural Research*, Vol. 31, 745-760, 1925; "The Tissue Fluids of Egyp-

tian Cottons" (with others), *ibid.*, Vol. 31, 1027-1033, 1925; "Wheat and Flour Studies X. Factors Influencing the Viscosity of Flour Water Suspensions I. Effects of Temperature, Degree of Hydration, and Method of Manipulation," *Cereal Chemistry*, Vol. 4, 87-128, 1927; "Report of the First International Congress of Flour and Bread Manufacture in Prague, Czechoslovakia," *Cereal Chemistry*, Vol. 4, 495-500, 1927; "Factors Influencing the Loss of Iodine from Iodized Salt" (with B. L. Herrington), *Journal of Agricultural Research*, Vol. 35, 167-183, 1927; "A Comparison of Some Properties of Normal and Frosted Wheats" (with W. O. Whitcomb), *Montana Bulletin* 204, 1927; "Factors Influencing the Viscosity of Flour Water Suspensions. Proceedings of the First International Congress of Flour and Bread Manufacture in Prague," *Cereal Chemistry*, Vol. 4, 495-498, 1927; "Wheat and Flour Studies XII. Factors Influencing the Viscosity of Flour Water Suspensions II. Effect of Hydrogenion-Concentration during Extraction or Digestion Period" (with B. L. Herrington), *Cereal Chemistry*, Vol. 5, 14-44, 1928; "The Relation between the Fusibility of Flour Ash and its Mineral Constituents" (with S. C. Scott), *Cereal Chemistry*, Vol. 5, 56-64, 1928; "Wheat and Flour Studies XIV. Factors Influencing the Viscosity of Flour-Water Suspensions III. Effect of Small Quantities of Carbon Dioxide in Water used for the Extraction of Electrolytes" (with B. L. Herrington), *Cereal Chemistry*, Vol. 5, 105-116, 1928; "Effect of Severe Weathering on Certain Properties of Wheat" (with W. O. Whitcomb), *Cereal Chemistry*, Vol. 5, 117-128, 1928; "Studies of the Effect on Their Bread-Making Properties of Extracting Flours with Ether," *Cereal Chemistry*, Vol. 5, 159-180, 1928. **Member:** American Chemical Society; American Association of Cereal Chemists; American Association for the Advancement of Science; Sigma Xi; Phi Lambda Upsilon; Alpha Zeta; Gamma Alpha; Alpha Chi Sigma. **Biography in Rus, 1925; American Men of Science, 1927. Born in Minneapolis, Minn., Nov. 21, 1896;**

father came from Hedemarken, mother from Gudbrandsdalen.

**JOHNSON, ARTHUR MONRAD**, B.A., University of Minnesota, 1904; Ph.D., University of Minnesota, 1919; Graduate Student, Harvard University, 1924-26. **Assistant Professor of Botany, University of California at Los Angeles, 1928—**. Teacher of Science and Assistant Principal, St. Cloud (Minn.) High School, 1904-05; Teacher of Science, High School, Colfax, Wash., 1905-09; Teacher of Biological Sciences, North Central High School, Spokane, Wash., 1910-16; Fellow in Botany, University of Minnesota, 1916-19; Instructor in Botany, University of Minnesota, 1919-24; Engaged in independent research, 1924-28; Instructor in Botany and Geology, State College of Washington, Summer Sessions 1908, 1909; Instructor in Botany, University of Washington, Seattle, Summer Sessions 1913, 1914; Instructor in Botany, De Pauw University, Summer Quarters 1917, 1919; Lecturer on Botany, Harvard University, 2nd Semester, 1925-26; Instructor in Botany, University of Wisconsin, 2nd Semester, 1926-27; Lecturer on Botany, University of California at Los Angeles, 1927-28. **Author:** *Taxonomy of the Flowering Plants*, textbook for colleges and universities (expected to be ready for the press in 1929); *A Revision of the North American Species of the Section Boraphila, Engler, of the Genus Saxifraga*, monograph, Minnesota Plant Science Series 4, 1923; articles relating to the Teaching of Botany in *School Science and Mathematics*, 1921, 1923; biological articles in *Journal of Mammalogy*, 1922, 1926; botanical articles in *American Botanist*, 1917, 1927; "Cryptomorpha, a New Section of Saxifraga," *American Journal of Botany*, Vol. 10, 1923; "The Status of Saxifraga Nuttallii," *ibid.*, Vol. 14, 1927; "Studies in Saxifraga, I," *ibid.*, Vol. 14, 1927; "The Butternut Hickory in Northern Minnesota," *ibid.*, Vol. 14, 1927; also numerous other scientific papers. Faculty Director, High School Maga-

zine, North Central High School, Spokane, Wash., 1914-16; Collaborator, *Biological Abstracts* (abstracting papers on systematic botany and ecology in foreign language journals). Artist; botanical and zoological draftsman; exhibited water colors at Exhibition of Scandinavian-American Artists, Brooklyn Museum, 1926, 1928; Chicago Norwegian Club Art Exhibition, 1927; exhibited oils and pastels at Minnesota State Fair, and Minneapolis Art Institute; awarded First Prize in Drawing and Water Color, Odin Club Art Exhibition, Minneapolis, 1924. Master of Teutonic and Romance languages, and Latin. **Member:** Botanical Society of America; American Society of Mammalogists; American Association for the Advancement of Science; American Forestry Association; Society of Scandinavian-American Artists; Sigma Xi (honorary scientific); Theta Chi (Alpha Pi Chapter, University of Minnesota). **Biography** in *Minnesota Plant Science Series* 4, 1923; *American Men of Science*, 1927. **Born** in Fredriksstad, Norway, Jan. 19, 1878; on father's side, nephew of the late Ordförer Lauritz Johnsen of Lisleby, near Fredriksstad, Member of the Norwegian Storting, 1871-73, 1880-82; maternal grandfather, Andersen, was Lensmand at Horjen, near Fredriksstad; brother of Dr. Charles E. Johnson (q.v.).

**JOHNSON, CARL LEONARD**, A.B., State University of Iowa, 1924; A.M., *ibid.*, 1925; Edward Austin Scholar, Harvard University, 1927-28. **Instructor in French, Harvard University, Cambridge, Mass., 1930—**. Assistant in French, State University of Iowa, 1924-25; Instructor in French and Spanish, West Virginia University, 1925-30. **Author:** "Textbook Selection and Vocabulary Difficulty," *Modern Language Journal*, March 1927; also several articles published in 1929. **Member:** Modern Foreign Language Association; American Association of University Professors. **Born** at Waukon, Iowa, June 3, 1902; grandparents came from Hallingdal and Christiansund N.



**JOHNSON, CHARLES EUGENE**, A.B., University of Minnesota, 1906; A.M., *ibid.*, 1907; Ph.D., *ibid.*, 1912. Professor, Head of the Department of Zoology, and Director of the Roosevelt Wild Life Forest Experiment Station, New York State College of Forestry, Syracuse, N. Y. Assistant in Zoology and Comparative Anatomy, University of Minnesota, 1907-12; Instructor in Comparative Anatomy of Vertebrates, same, 1912-18; Assistant Professor of Zoology, University of Kansas, 1918-20; Associate Professor of Zoology, same, 1920-23; Professor of Zoology, New York State College of Forestry, and Field Naturalist, Roosevelt Wild Life Forest Experiment Station, 1923-26; Acting Director, Roosevelt Wild Life Forest Experiment Station, 1926-27; Director, same, 1927 to date. **Author:** *Laboratory Directions in General Zoology*, for the students in the New York State College of Forestry, Syracuse, N. Y., 1926; "The development of the pro-otic head somites and eye-muscles in *Chelydra serpentina*," *American Journal of Anatomy*, Vol. 14, pp. 119-185, 1913; "An additional case of pancreatic bladder in the domestic cat," *Anatomical Record*, Vol. 8, pp. 267-270, 1914; "The development of the liver in the genus *Citellus*," *ibid.*, Vol. 13, pp. 169-175, 1917; "Stages in the development of the thymus, parathyroid, and ultimobranchial bodies in turtles," *ibid.*, 1920; "Pelvic and horse-shoe kidneys in the domestic cat," *Anat. Anzeiger*, Band 46, pp. 68-78, 1914; "A four-winged wild duck," *The Auk*, Vol. 32, pp. 469-480, 1915; "Summer bird records from Lake County, Minnesota," *ibid.*, Vol. 37, pp. 541-551, 1920; "An 'occult' food sense in birds," *ibid.*, Vol. 37, pp. 339-341, 1920; "Bewick's Wren and the Cape May Warbler in Kansas," *ibid.*, Vol. 38, 1921; "Additions to the birds of Lake County, Minnesota," *ibid.*, Vol. 38, 1921; "Further notes on Lake County, Minnesota, birds," *ibid.*, Vol. 40, pp. 547-548, 1923; "Kingfisher and Cooper's Hawk," *ibid.*, Vol. 42, pp. 585-586, 1925; "The Bay-breasted Warbler in the Adirondacks of New York," *ibid.*, Vol. 44, pp. 255-

256, 1927; "Bill deformity in a Blue Jay," *ibid.*, Vol. 46, pp. 241-242, April 1929; "Wild fur-bearing animals in Minnesota," *The Farmer*, St. Paul, Minn., Nov. 4 and 11 (11½ columns); "A brief descriptive list of Minnesota mammals," *Fins, Feathers and Fur* (bulletin of Minnesota Game and Fish Commission), Dec. 8, 1916; "As to beaver intelligence," *ibid.*, Sept. 1916; "Some observations on wild life conditions in the Superior National Forest Game Refuge," *ibid.*, Dec. 1920; "The branchial derivatives of the pied-billed grebe, with special reference to the origin of the ultimobranchial body," *Journal of Morphology*, Vol. 31, pp. 25-41, 1918; "The origin of the ultimobranchial body and its relation to the fifth pouch in birds," *ibid.*, Vol. 31, pp. 583-597, 1918; "The branchial derivatives in turtles," *ibid.*, Vol. 36, pp. 299-329, 1922; "Harris's Sparrow at Lawrence, Kansas," *Bird Lore*, Nov.-Dec., 1919; "Review: The Journal of Mammalogy," *Science*, N. S., Vol. 51, June 4, 1920; "The 'hand-stand' habit of the spotted skunk," *Journal of Mammalogy*, Vol. 2, 1921; "A note on the habits of the timber wolf," *ibid.*, Vol. 2, 1921; "Beaver 'forms'," *ibid.*, Vol. 2, Aug. 1921; "Notes on the mammals of Northern Lake County, Minnesota," *ibid.*, Vol. 3, pp. 33-39, 1922; "Aquatic habits of the woodchuck," *ibid.*, Vol. 4, pp. 105-107, 1923; "A recent report of the wolverine in Minnesota," *ibid.*, Vol. 4, pp. 54-55, 1923; "The Jack and Snowshoe rabbits as swimmers," *ibid.*, Vol. 6, pp. 245-249, 1925; "Notes on the pocket gopher in captivity," *ibid.*, Vol. 7, pp. 35-37, 1926; "On the supposed relation of deer to cedars bordering certain Adirondack lakes," *ibid.*, Vol. 8, pp. 213-221, 1927; "The Cooperation of forestry in game propagation," *Bulletin of the New York State Fish, Game and Forest League*, Dec.-Jan. 1927; "Notes on some of the less common birds of Douglas County, Kansas," *The Wilson Bulletin*, Vol. 39, pp. 156-158, 1927; "An investigation of the beaver in Herkimer and Hamilton counties of the Adirondacks," *Roosevelt Wild Life Bulletin*, New York State College of Forestry, Vol. 1, pp. 117-221, 1922; "The muskrat in New York: Its natural history

and economics," *ibid.*, Vol. 3, pp. 199-320, 1925; "The beaver in the Adirondacks: Its economics and natural history," *ibid.*, Vol. 4, 499-641, 1927. **Member:** American Society of Zoologists; American Association of Anatomists; American Society of Mammalogists; American Ornithologists Union; Honorary Societies of Phi Beta Kappa, Sigma Xi, and Phi Kappa Phi; Pictorial Photographers of America; Fellow American Association for the Advancement of Science. **Biography** in *American Men of Science*, 1921, 1927; *Who's Who in the East*, 1930. **Born** in Oslo, April 24, 1880; brother of Dr. A. M. Johnson (q.v.).

**JOHNSON, CLARENCE C.**, B.A., State College of Washington; B.S., M.A., Assistant Professor of Agricultural Engineering, State College of Washington, Pullman, Wash., now and for many years. **Author:** Bulletin on the Care of Gas Engines; "Development of Hillside Machines," paper presented to American Association of Agricultural Engineers. **Born** in the United States; father came from Boe, near Bergen; mother, granddaughter of a German prince.

**JOHNSON, EMIL A.**, B.S., St. Olaf College, 1906; A.M., University of Minnesota, 1909; Graduate, Stout Institute, 1913. Assistant Professor of Manual Arts, Bradley Polytechnic Institute, Peoria Ill., 1916 to date. Teacher of English and History, High School, Kasota, Minn., 1906-07; Teacher of Science and Manual Training, High School, Hawley, Minn., 1907-08; Supervisor of Manual Training, Public Schools, Virginia, Minn., 1909-13, Instructor in Manual Arts, Bradley Polytechnic Institute, 1913-16. **Author:** *Furniture Upholstery for Schools*, Manual Arts Press, Peoria, Ill., 1919.

**JOHNSON, IDA PETRINE**, B.A., University of Wisconsin, 1906; M.A., *ibid.*, 1912. Instructor in German, University of Minnesota, Minneapolis, Minn., 1912-15. Cousin of Mrs. Mabel Johnson Leland (see Valborg Leland); cousin of Oscar Leslie Johnson (q.v.).

**JOHNSON, JAMES**, B.S.A., University of Wisconsin, 1909; M.S., *ibid.*, 1911; Ph.D., *ibid.*, 1918. Professor of Horticulture, University of Wisconsin, Madison, Wis., 1922 to date. Assistant in Horticulture, University of Wisconsin, 1909-11; Instructor in Horticulture, same, 1911-15; Assistant Professor of Horticulture, same, 1915-19; Associate Professor, same, 1919-22; also Agent, U. S. Department of Agriculture (part-time), 1915 to date. **Author:** "Tobacco Culture in Wisconsin," *Wisconsin Agricultural Experiment Station Bulletin* 206, pp. 1-30, 1911; "The Control of Diseases and Insects of Tobacco," *Wis. Agr. Exp. Sta. Bull.* 251, pp. 1-34, 1914; "The Management of Tobacco Soils," *Wis. Agr. Exp. Sta. Bull.* 277, pp. 1-29, 1917; "Tobacco in Wisconsin" (with C. M. Slagg), *Wis. Agr. Exp. Sta. Bull.* 337, pp. 1-36, 1921, revised 1927; "The Control of Damping-Off in Plant Beds," *Wisconsin Agricultural Experiment Station Research Bulletin* 31, pp. 29-59, 1914; "Black Rot, Shed Burn and Stem Rot of Tobacco," *Wis. Agr. Exp. Sta. Research Bull.* 32, pp. 63-68, 1914; "Experiments on the Control of Wildfire of Tobacco" (with H. F. Murwin), *Wis. Agr. Exp. Sta. Research Bull.* 62, pp. 1-34, 1925; "Transmission of Viruses from Apparently Healthy Potatoes," *Wis. Agr. Exp. Sta. Research Bull.* 63, pp. 1-12, 1925; "Wisconsin Studies upon the Relation of Soil Temperature to Plant Diseases" (with others), *Wis. Agr. Exp. Sta. Research Bull.* 71, pp. 1-144, 1926; "The Classification of Plant Viruses," *Wis. Agr. Exp. Sta. Research Bull.* 76, pp. 1-16, Feb. 1927; "Disease Resistance in Tobacco to Root-Rot," *Phytopathology*, Vol. 4, p. 41, 1914 (abstract); "Resistance in Tobacco to Hydrocyanic Acid Gas Injury," *ibid.*, Vol. 4, No. 2, 1914 (abstract); "Second Progress Report on Disease Resistance in Tobacco," *ibid.*, Vol. 6, p. 117, 1916 (abstract); "Resistance in Tobacco to the Root-Rot Disease," *ibid.*, Vol. 6, pp. 167-181, 1916; "Wilt Disease of Tobacco Attributed to Fusarium," *ibid.*, Vol. 8, p. 10, 1918 (abstract); "Influence of Soil Temperature on Thielavia Root-Rot" (with R. E. Hartman), *ibid.*, Vol. 8,



1918; "Fusarium Root-Rot of Tobacco," *ibid.*, Vol. 9, p. 3, 1919 (abstract); "The Relation of Air Temperature to Certain Plant Diseases," *ibid.*, Vol. 11, No. 11, pp. 446-458, 1921; "Experimental Evidence Relating to the Nature of the Mosaic Virus," *ibid.*, Vol. 12, p. 26, Jan. 1922 (abstract); "Non-parasitic Leaf-spots of Tobacco," *ibid.*; "The Relation of Air Temperature to the Mosaic Disease of Potatoes and Other Plants," *ibid.*, Vol. 12, 1922; "Host Plants of Bacterium Tabacum" (with C. M. Slagg), *ibid.*, Vol. 14, pp. 175-180, 1924; "Cytological Studies on Tobacco Mosaic" (with T. E. Rawlins), *ibid.*, Vol. 14, p. 33, 1924 (abstract); numerous other abstracts in *Phytopathology*, Vols. 14-18; "Mosaic Diseases on Differential Hosts," *Phytopathology*, Vol. 16, pp. 141-149, 1926; "Some Points of View on the Plant Virus Problem," *ibid.*, Vol. 16, pp. 745-751, Oct. 1926; "Constant Temperature and Humidity Chambers," *ibid.*, Vol. 18, pp. 227-238, 1928; "Preliminary Studies on Heated Soils," *Science*, N. S., Vol. XLIII, 1916; "New Method of Obtaining Mosaic Virus" (with M. A. Mulyania), *Science*, LX, No. 1540, p. 19, 1924; "The Attenuation of Plant Viruses and the Inactivating Influence of Oxygen," *Science*, 64 (No. 1652), p. 210, 1926; "Host Plants of Thielavia Basicola," *Journal of Agricultural Research*, Vol. 7, pp. 289-299, 1916; "Influence of Soil Environment on the Root-Rot of Tobacco," (with R. E. Hartman), *ibid.*, Vol. 17, pp. 41-86, 1919; "Fusarium Wilt of Tobacco," *ibid.*, Vol. 20, pp. 515-534, 1921; "Strains of White Burley Resistant to Root-Rot," *U. S. Dept. of Agr. Dept. Bull.* 765, pp. 1-11, 1919; "Tobacco Diseases and Their Control," *U. S. Dept. of Agr. Dept. Bull.* 1256, pp. 1-56, 1924; "The Brown Root-Rot of Tobacco and Other Plants" (with others), *U. S. Dept. of Agr. Dept. Bull.* 1410, pp. 1-30, 1926; "The Influence of Heated Soils on Seed Germination and Plant Growth," *Soil Science*, Vol. 7, pp. 1-103, 1919; "The Inheritance of Branching Habit in Tobacco," *Genetics*, Vol. 4, pp. 307-340, 1919; and many other articles in scientific journals. **Member:** American Botanical

Society; American Phytopathological Society; Sigma Xi; Fellow, American Association for the Advancement of Science. **Biography in Rus**, 1918, 1920, 1925, 1930; *American Men of Science*, 1921, 1927. **Born** at Deerfield, Wis., May 11, 1886; parents came from Hov, Söndre Land.

**JOHNSON, OSCAR LESLIE**, B.A., Luther College, 1917; M.A., University of Wisconsin, 1927. **Instructor in History**, North Dakota Agricultural College, Fargo, N. Dak., 1925-26. **Teacher** in High Schools, Wisconsin and North Dakota, 1918, 1921-24; **Teacher of History**, Public Schools, Amarillo, Texas, 1927 to date. **Author**, "The Organized Militia in the United States, 1865-1885," thesis for M.A., 1927. **Member**, Wisconsin State Historical Society. **Born** in the United States, Dec. 27, 1894; paternal grandfather, John Johnson (Kolostuen), came from Ringsaker in 1859, and father, Alex Johnson, was born in the United States that year; mother, Anna K. (Gudmundson) Johnson, was born at Sörum, near Oslo, and came with parents, Hans and Bolette Gudmundson, to the United States in 1871; cousin of Mrs. Mabel Johnson of Kenyon, Minn. (see Valborg Johnson); cousin of Ida P. Johnson (q.v.).

**JOHNSON, VOYLE CLARK**, B.A., St. Olaf College, 1910; A.B., University of Minnesota, 1918; J.D., University of Chicago, 1918; M.B.A., Northwestern University, 1922. **Professor of Law**, DePaul University, Chicago, Ill., 1920-23. **Professor of English**, Grand Island (Neb.) College, 1912-13; **Instructor in Public Speaking**, University of Texas, 1915-16; **Instructor in Business Law**, Northwestern University, 1923-25; **Lecturer on Business Law**, same, part-time, 1927-28; **Practising attorney**, Chicago; **Associate Counsel** to S. W. Straus & Co., Chicago. **Author:** *Blue Sky Laws* (in preparation). **Member**, Chicago Bar Association. **Born** in the United States; father's parents came from Hadeland; mother from Valdres.

**JOHNSON, WALTER A.**, Diploma in Physical Education, 1915. Athletic Director and Head Coach, Presbyterian College of South Carolina, Clinton, S. C., 1915 to date. Author of a booklet on Football. Born in the United States; father came from Oslo; maternal grandparents also born in Norway.

**JOHNSRUD, PEDER L.**, B.S.A., University of Minnesota, 1914. Assistant Professor of Farm Mathematics, University of Minnesota College of Agriculture, St. Paul, Minn., 1928—. Instructor in Farm Mathematics, same, 1915-28; also Supervisor of Home Project Work, same, 1919-21. Born at Spring Grove, Minn., Jan. 18, 1881; father came from Land, Hadeland; mother (nee Ellestad), from Hallingdal.

**JORGENSEN, SIGURD, A.B.**, St. Olaf College, 1920; A.M., University of Chicago, 1921; Add. Grad. Work, University of Chicago, 1921-22, 1924-26, and Summer Sessions 1921, 1922, 1924, and 1925. Acting Professor of History, Parsons College, Fairfield, Iowa, 1926 to date. With the American Expeditionary Forces, participating in the Toul, St. Mihiel, Meuse, and Argonne offensives (wounded), World War; Professor of History and Political Science, Buena Vista College, 1922-23; Instructor in History and Education, Pacific Lutheran College, Parkland, Wash., 1923-24; Fellow, University of Chicago, 1924-25; part-time Instructor, same, 1925-26.

**JORSTAD, LOUIS HELMAR**, M.D., Washington University (St. Louis), 1924. Instructor in Bacteriology, Washington University, St. Louis, Mo., 1926 to date. Director of Research Laboratories, Barnard Skin and Cancer Hospital, St. Louis. Author: "A Study of the Behavior of Coal Tar on the Tissues," *Proceedings of the Society for Experimental Biology and Medicine*, Vol. XXI, pp. 67-70, 1923; "Reaction Produced by Lipoid Solvents in Animals Fed Diets Deficient and High in Vitamin A" (with Charles G.

Johnston), *ibid.*, Vol. XXIV, pp. 86-88, 1926; "The Action of X-Rays on the Organism" (with Montrose T. Burrows and Edwin C. Ernst), *ibid.*, Vol. XXIV, pp. 311-312, 1927; "Studies on Fatty Infiltration of the Liver Induced by Lipoid Solvents," *ibid.*, Vol. XXIV, pp. 723-725, 1927; "Comparative Studies of Histological Skin Changes Produced by X-Rays and by Lipoid Solvents" (with Clinton W. Lane), *ibid.*, Vol. XXIV, pp. 886-887, 1927; "The Relation of Vitamins to the Reaction Induced by Coal Tar in the Tissues of Animals," *Journal of Experimental Medicine*, Vol. XLII, No. 2, pp. 221-230, Aug. 1925; "A Study of Cell Stimulation, Cancer and Vitamins" (with Montrose T. Burrows), *Journal of Missouri State Medical Association*, May 1925; "Vitamin Feeding and Coal Tar Stimulation," *ibid.*, Aug. 1925; "Relation of Vitamins to Normal Development and Cancer" (with Montrose T. Burrows), *ibid.*, May 1926; "The Behavior of Coal Tar in Adult and Embryonic Tissue," *Journal of Cancer Research*, Vol. IX, No. 2, June 1925; "The Action of Lipoid Solvents on the Organism and in the Production of Cancer," *ibid.*, Vol. X, No. 2, pp. 229-238, July 1926; "On the Source of Vitamin A in Nature," and "On the Source of Vitamin B in Nature," both in *American Journal of Physiology*, Vol. 77, No. 1, June 1926; "Cancer, Vitamin Imbalance and Roentgen-Ray Activity" (with Burrows and Ernest), *Journal of American Medical Association*, Vol. 87, pp. 86-89, July 1926; "The Cause of Growth of Sarcoids or Oil Tumors" (with Montrose T. Burrows), *ibid.*, Vol. 88, May 1927; "The Action of Oils in Muscle Tissue" (with Frank Glenn), *ibid.*, Vol. 90, 1928; "Local and Systemic Changes Induced by Lipoid Solvents in Animals Fed on Diets Varying in Vitamin Content" (with Charles G. Johnston), *American Journal of Pathology*, Vol. III, No. 5, Sept. 1927; "Some Biological Factors in the Study of Cancer, with Special Reference to Their Relationship to Precancerous Lesions of the Skin," *Archives of Dermatology*; "The Effect of X-Rays on the Vitamin Needs of the Organism and Cancer" (with Bur-



rows and Ernst), *American Journal of Radiology*, Oct. 1926; "Further Studies of the Effect of Grades Doses of X-Rays on Animals Fed on Various Diets, with a Note on the Effect of Dietary in the Treatment of Patients with X-Rays" (with Burrows and Ernst), *ibid.*, March 1928; "Studies on the Biological Effects of X-Rays and Methods of Measuring X-Ray Dosage" (with Burrows, Lunsford, and Ernst), *British Journal of Radiology*. **Member:** Society for Experimental Biology and Medicine; American Association for Cancer Research; Sigma Xi. Awarded Bronze Medal by Committee on Awards, Scientific Exhibit, American Medical Association, Dallas, Tex., 1926. **Born** at Morris, Ill., Sept. 16, 1896; parents came from Ombo.

**JUVE, OSCAR A.**, A.B., Luther College, 1907; Graduate Work, University of Wisconsin, 1909-12. **Instructor in Agricultural Economics, University of Wisconsin, Madison, Wis., 1914-19.** In charge of Investigations into the Cost of Farm Production, State of Wisconsin, 1911-19; Investigating Cost of Production for Bureau of Agricultural Economics, U. S. Department of Agriculture, Washington, D. C., 1919-20; Chief Accountant, in charge of Farm Cost of Production Investigations, Bureau of Farm Economics, U. S. Department of Agriculture, 1920-23; Chief of Division of Agricultural Products and Provisions, U. S. Tariff Commission, Washington, D. C., 1923 to date. Conducted investigations for U. S. Tariff Commission in Canada, Denmark, Switzerland, and France, 1924; Lecturer on Tariff Problems relating to Agriculture, Cornell University, Summer Session, 1927; Representing U. S. Tariff Commission before the Ways and Means Committee of the U. S. House of Representatives and before the Finance Committee of the U. S. Senate with respect to tariff problems relating to agriculture, fish and sea foods. **Author:** *Labor and Material Requirements of Field Crops* (with L. A. Moorhouse), U. S. Dept. of Agr. Bull. No. 1000, Gov-

ernment Printing Office, Washington, 1921; also several other bulletins. **Member:** American Agricultural Economics Association since 1916; American Agricultural History Association since 1920; Grange, 7th degree. **Biography in Rus**, 1920, 1925, 1930. **Born** in Stoughton, Wis., May 20, 1883; father came from Telemarken; mother (nee Havey) from Voss.

**KALDAHL, HENRY NORMAN**, B.S.A., Associate Professor of Animal Husbandry, University of Georgia, Athens, Ga., 1919-21. Now Assistant County Extension Agent, Fargo, N. Dak.

**KEBLE, INGA RAVNDAL** (Mrs. Thomas H. Kebble), B.A. with honors), Smith College, Northampton, Mass., 1917. **Instructor in Piano, Constantinople College, Constantinople, Turkey, 1919-21.** Instructor in English, Constantinople College, 1918-19. Father, G. B. Ravndal, came from the vicinity of Christiansand S., served as U. S. Consul at Beirut, Syria, 1898-1905, Consul-General, Beirut, 1906-10, Consul-General, Constantinople, Turkey, 1910-25 (with interruptions), and Consul-General, Zurich, Switzerland, since 1925. "Consul-General Ravndal has been connected in past years with many of the activities of Constantinople College and his presence in the city always broadens college life." Report of the President of Constantinople College for 1918-19, p. 32. He delivered the address to the graduating class of the Preparatory Department of the College, 1914; "presented the Science Hall \* \* \* with inspiring and appropriate words" at the dedication of the new grounds and buildings of the college, June 3, 1914; was a member of the Board of Managers of Syrian Protestant College (now the American University of Beirut), 1898-1902; member of Advisory Committee, American Hospital, Constantinople, 1923-24; President, Beirut Relief Committee during the disturbances of 1909; Founder, Beirut Chapter, American Red Cross, and sometime President, same; Founder

and sometime Secretary, Constantinople Chapter, American Red Cross; in recognition of his services in relieving suffering resulting from massacres in Cilicia and Northern Syria, was awarded the Red Cross Medal of Merit by President Taft, Dec. 23, 1909; for services in relieving suffering caused by floods in Lichtenstein, was extended the thanks of that Principality on the 30th anniversary of his entry into the consular service, Jan. 23, 1928 (see *Who's Who in America*). Mrs. Keble's maternal grandfather, the late Rev. Kristian Magelssen, Pastor at Highland Prairie, Minn., 1869-1914, was born at Aafjorden, Fosen, Trøndelagen; mother, Maren D. M. (Magelssen) R., taught music at Lutheran Normal School, Sioux Falls, S. Dak., 1889-93 (see *School Calendar*, 1924); uncles: Rev. H. G. Magelssen, Pastor at La Crosse, Wis., since 1903; Rev. N. S. Magelssen, Pastor at Highland Prairie, Minn., since 1909; the late William C. Magelssen, U. S. Consul at Beirut, Bagdad, Colombo, and in Australia, 1899-1919 (see *Men of America*, New York, 1908; *International Who's Who*, New York, 1912); brother, Christian M. Ravnadal, was U. S. Consul in Germany to 1929, when assigned to Toronto, Canada.

**KILDAHL, NIELSINE JOHANNA**, B.A., University of South Dakota, 1898; M.A.; Ph.D., University of Chicago, 1909. **Instructor in Biology**, University of North Dakota, Grand Forks, N. Dak., 1900-05; Scholar, University of Chicago, 3 years; Assistant in Botany, University of Minnesota, Spring Quarter 1925, and 1925-27. **Author**: "Development of the Walls in the Proembryo of *Pinus Laricio*;" "The Morphology of *Phyllocladus Alpinus*," thesis for Ph.D., University of Chicago, 1909; "Affinities of *Phyllocladus*." Has made an intensive study of international problems, and has devoted much time to the advocacy of reconstruction and codification of International Law as a means of securing and main-

taining world peace. **Member**, Sigma Xi. **Born** near Wastedo, Minn.; parents came from Namdals-eidet, near Trondheim; brother, Rev H. B. Kildahl, has been a Pastor in Minnesota, Illinois, and Wisconsin since 1898, and General Secretary of the Board of Charities of the Norwegian Lutheran Church of America since 1917; brother, the late Dr. J. N. Kildahl, was President of St. Olaf College, 1899-1914, Professor at the United Church Seminary and Luther Seminary, St. Paul, 1914-20, Vice-President of the United Church, 1914-17, and Vice-President of the Norwegian Lutheran Church of America, 1917-20 (see *Men of America*, New York, 1908; *Who's Who in America*, 1901-02 to 1920-21 eds.).

**KJERSTAD, CONRAD LUND**, A.B., University of South Dakota, 1911; A.M. in Edn., University of Chicago, 1916; Ph.D. in Psychology, University of Chicago, 1917. **President of the State Teachers College**, Dickinson, N. Dak., 1929—. **Teacher**, Public Schools, South Dakota, 1905-07; **Professor of Education and Psychology**, Augustana College, Canton, S. Dak., 1911-15; **Fellow in Psychology**, University of Chicago, 1915-16; **Professor of Psychology**, State Normal School, Winona, Minn., 1916-17; on faculty of State Normal School, Valley City, N. Dak., 1917-18; 1st Lieutenant, Sanitary Corps, U. S. Army, 1918-19; **Professor and Head of the Department of Education**, State Normal School, Valley City, N. Dak., 1919-21; **Professor and Head of the Department of Education and Psychology**, State Teachers College, Valley City, N. Dak., 1921-25; **Dean of the Faculty and Professor and Head of the Department of Education and Psychology**, same, 1925-29. **Author**: *Learning Curves for Typewriting*, thesis for A.M., 1916, copies in University of Chicago Library and elsewhere; *Learning Curves for Memory*, published as Psychological Review Monograph No. 136; Psychological Review Company, Princeton, N. J., and Lancaster, Pa., 1919.



**Member:** American Psychological Association; National Education Association; American Association for the Advancement of Science; Sigma Xi (scientific); Phi Delta Kappa (educational); 2nd Vice-President, Southeastern Division, North Dakota Education Association, 1928—; Lieutenant - Governor, Minnesota-Dakotas District, Kiwanis International, 1927. *Biography in School Calendar*, 1924; *American Men of Science*, 1921, 1927. Born at Platte, S. Dak., July 11, 1883; parents came from Mosjøen, Helgeland.

**KJOLSETH, JOHN HAROLD**, A.B., Instructor in History, Union College, Schenectady, N. Y., 1928—.

**KJORLAUG, M. U. S.**, B.A., Carleton College, 1912; LL.B., Harvard University, 1915. **Instructor in Law, University of Minnesota, Minneapolis, Minn., 1919-25.** Practising attorney, Minneapolis; Legal Adviser, Legal Aid Society, Minneapolis, 6 years; Alderman, City of Minneapolis, 1925-29. **Author** of article in *Annals of American Academy of Political and Social Science*, March 1926. State Orator, representing Minnesota in the Interstate Collegiate Oratorical Contest, 1912. Born in Boone County, Neb., 1887; parents came from Sogndal.

**KJÖSNESS, ALBERT WEIDEL BUCH**, B.A., Spokane (Wash.) College, 1910; B.S.A., University of Idaho, 1913. **Professor in Agricultural Extension Division, University of Idaho, Moscow, Ida., 1916-17.** Teacher, High School, Prescott, Wash., 1913-15; Assistant Professor in Agricultural Extension Division, University of Idaho, 1915-16; also County Agriculturist, Power County, Idaho, 1915-17; Assistant County Agent Leader, University of Idaho, 1917-21; County Agent Leader, same, 1921-25; Commissioner of Agriculture, Idaho, 1925-27; General Manager, Mountain States Honey Producers' Association, Boise, Ida., 1927—. *Biography in Rus*, 1920, 1930. Born at Madison, Minn., 1889; father, Gunder P. Kjösness, lumber dealer in Madison, Minn., 1882-1904, and sometime

Mayor of that city, came from Nergaard, Kjösness, Selbu, near Trondheim, in 1870.

**KLEPPE, ELLEN**, B.A., St. Olaf College, 1922; M.S., Iowa State College, 1927. **Assistant Professor of Foods and Nutrition and Nutrition Specialist for Nursery Group, School of Household Administration, University of Cincinnati, Cincinnati, Ohio, 1927 to date.** Teacher, Clifton (Texas) College, 1922-24; Teacher, High School, Lake Mills, Iowa, 1924-26; Head Teacher, Nursery School, Iowa State College, Summer School 1927. **Author:** "Young Children Learn Value of Lettuce and Milk," *Food Facts* (Los Angeles), Vol. 4, Dec. 15, 1927; various articles on foods for and nutrition of young children, contributed to current local parent-teacher magazines. **Editor** (with Eleanor R. Maclay), *The Selection of Food for Children and the Formation of Good Food Habits*, booklet published by the Mothers' Training Center Association of Cincinnati, 1927, rev. ed. 1928, widely distributed. Has given numerous addresses on nutrition of children before mothers' groups, teachers' groups, and over the radio. **Member**, Home Economics Association. Awarded Scholarship from High School; Talla Scholarship, St. Olaf College, 1921. Born in Black Brook Township, Polk County, Wis., Oct. 13, 1900; father, Rev. L. E. Kleppe, Pastor in Wisconsin, Minnesota, and Iowa since 1897, was born at Hitterö, near Flekkefjord; mother's parents came from Skien; uncle, Rev. A. T. Kleppe, has been a Pastor in Iowa and Wisconsin since 1913; sisters and cousins are Teachers in High Schools; sister of Prof. Hedvig Kleppe (q.v.).

**KLEPPE, HEDVIG**, B.A., St. Olaf College, 1924. **Assistant Professor of Clinical Pathology, University of Illinois College of Medicine, Chicago, Ill., Feb. 1927 to date.** Teacher of Home Economics, Madelia (Minn.) High School, 1924-25; Laboratory Technician, Jewish Hospital, Cincinnati, Ohio, during

1926. Born at Deer Park, Wis., 1902; sister of Prof. Ellen Kleppe (q.v.).

**KLEVEN, VICTOR E., LL.B.,** University of Saskatchewan; B.C.L., Oxford University. Professor of Law, University of Saskatchewan, Saskatoon, Sask., Canada, for several years about 1927. Born in America; raised at Northwood, N. Dak.

**KLINGENBERG, ALF,** Graduate, University of Oslo; Hochschule, Berlin; Pupil of Erika Lie Nissen, Oslo; Barth, Raif, and Stavenhagen, Berlin. Director of the Eastman School of Music, University of Rochester, Rochester, N. Y., 1919-23. Professor of Piano-forte, Washburn College, 1903-06; Dean of the School of Fine Arts and Professor of Piano-forte, Washburn College, 1907-10; Teacher, Portland, Ore.; Co-founder, Institute of Musical Art, Rochester, N. Y., 1913, and Director, same, 1913-18 (this Institute "had grown steadily in numbers and influence with strict adherence to musical standards," until acquired by the University of Rochester in 1918, when it became the Eastman School of Music of that university); lately resident of Paris, France. Biography in *Hvem er hvem?*, Oslo 1912; *The Musical Blue Book of America* 1915-16, 1921-22; *A Modern Dictionary of Music and Musicians*, London and New York, 1924; *Aschehougs Konversationsleksikon*, Oslo, 1925; *Das Neue Musik Lexikon*, Berlin, 1926. Born in Trondheim, Sept. 8, 1867; came to the United States in 1903; brother of Halfred and Ingvar Klingenberg, well-known merchants of Trondheim.

**KNAPLUND, PAUL ALEXANDER, B.A.,** St. Olaf College, 1913; M.A., University of Wisconsin, 1914; Ph.D., University of Wisconsin, 1919. Professor of History, University of Wisconsin, Madison, Wis., 1927 to date. Teacher of History and Norwegian, Decorah (Iowa) High School, 1914-16; Assistant in History, University of Wisconsin, 1916-17; Instructor in History, University of Wisconsin, 1917-21; Assistant Professor of His-

tory, same, 1921-25; Associate Professor of History, same, 1925-27; Research Work in British Colonial History of the 19th Century, Europe, chiefly in England, 1922-23; John Simon Guggenheim Memorial Foundation Fellow, doing research work in British archives, Summer 1926 and 1st semester 1926-27. Author: *Gladstone and Britain's Imperial Policy*, George Allen & Unwin, London, 1927; "Intra-Imperial Aspects of Britain's Defense Questions," *Canadian Historical Review*, June 1922; "Gladstone's View on British Colonial Policy," *ibid.*, Dec. 1923; "Sir James Stephen and British North American Problems," *ibid.*, March 1924; "E. G. Wakefield on the Colonial Garrisons," *ibid.*, Sept. 1924; "The Buller-Peel Correspondence regarding Canada," *ibid.*, March 1927; "The Unification of South Africa: A Study in British Colonial Policy," *Proceedings of Wisconsin Academy*, 1924; "Novembertraktaten," *Historisk Tidsskrift* (Oslo), 1925; "Finmark in British Diplomacy," *American Historical Review*, April 1925; "The Dano-Norwegian Conflict over Greenland," *American Journal of International Law*, 1925; "Johannes V. Jensen," *Sewanee Review*, July 1925; "Memoirs of an Ex-Minister," *ibid.*, Jan. 1926; "Spitzbergen," *Current History*, June 1926; "Sir James Stephen on a White Australia," *Victorian Historical Magazine*, June 1928; "Mr. Oversecretary Stephen," *Journal of Modern History*, March 1929. Member of Board of Editors, *Journal of Modern History*. Member: American Historical Association; Norwegian-American Historical Association; University Club, Madison, Wis. Born near Bodö, Feb. 5, 1885; came to the United States in 1906; married, June 1926, Dorothy Alice King, elder daughter of Mr. and Mrs. W. J. King of Wilmette, Ill.

**KNOLLIN, EDITH UELAND** (Mrs. E. R. Knollin), A.B., University of California, 1918; M.A., University of California, 1920. Instructor in Physical Education, University of California, Berkeley, Calif., 1920-23. Part-time Assistant



in Physical Education, University of California, 1919-20; Instructor in Physical Education, Stanford University, Summer Session 1921; Instructor in Physical Education, University of California, Summer Session 1928. Engaged also in interior decoration, hand weaving, batik, etc. **Born** at Edgeley, N. Dak.; husband, Prof. E. R. Knollin, formerly of Stanford University and the University in Illinois, is now Assistant Professor of Physical Education, San Jose (Calif.) State Teachers College; sister of Cora L. Ueland (q.v.), and Emma M. Ueland (q.v.).

**KNUDSEN, VERN OLIVER**, A.B., 1915; Ph.D., University of Chicago, 1922. **Associate Professor of Physics, University of California at Los Angeles, 1927 to date.** Engineer, Research Laboratories, Bell Telephone Company, New York, 1918-19; Assistant in Physics, University of Chicago, 1920-22; Assistant Professor of Physics, University of California at Los Angeles, 1922-27. **Author:** "Sensibility of the Ear to Small Differences of Intensity and Frequency," *Physical Review*, Vol. 21, pp. 84-102, 1923; "The Quality of Speech in Auditoriums," *ibid.*, Vol. 22, p. 527, 1923; "The Interfering Effect of Tones and Noise upon Speech Reception," *ibid.*, Vol. 26, pp. 133-138, 1925; "Functional Tests of Hearing" (with Isaac H. Jones), *Laryngoscope*, Sept. 1924; "Para-sis" (with Isaac H. Jones), *ibid.*, Sept. 1926, pp. 1-43; "The Acoustic Design of Architectural Interiors," *Architect and Engineer*, Vol. 79, pp. 93-101, 1924; "Hearing in Auditoriums: Effects of Noise and Reverberation," *ibid.*, Sept. 1926, and Jan. 1927; "Hearing in a Noise," *Science*, Vol. 62, pp. 109-111, 1925; "Facts of Audition" (with Isaac H. Jones), *Annals of Otology*, Vol. 34, p. 1013, 1925; "Theories of Audition" (with Isaac H. Jones), *ibid.*, Vol. 35, 20 pages, 1926; "Quiet Buildings," *Pencil Points*, Vol. 7, pp. 559-560, 1926; "Measurement of Reverberation with the Thermionic Tube Oscillator as a Source," *Optical Journal—Review of Optometry* (?), Vol. 13,

pp. 609-612, 1926; "Acoustics in the Design of Auditoriums," *Architectural Forum*, Sept. 1927; "Hearing with the Sense of Touch," *Journal of General Psychology*, May or June 1928; "Measurement of Sound-Absorption in a Room," *Phil. Magazine*, June 1928; numerous other articles contributed to technical journals. Lecture on Acoustics of Buildings delivered in Detroit, Chicago, Denver, and Los Angeles. **Inventor** of 1 hearing device, 1 audio-amplifier, and 2 vacuum tube oscillators. Consultant on Acoustics; has been consulted in connection with more than 50 churches, theaters, schools, and other public buildings. **Member:** American Physical Society; American Association for the Advancement of Science. **Biography** in *American Men of Science*, 1927. **Born** at Provo, Utah, Dec. 27, 1893; father came from Bergen; mother born in Sweden; brother, Milton H. Knudsen, is President of Snow Academy, Ephraim, Utah.

**KNUDSON, ALBERT CORNELIUS**, A.B., University of Minnesota, 1893; S.T.B., Boston University, 1896; Student, Universities of Jena and Berlin, 1897-98, 1910; Ph.D., Boston University, 1900; D.D., Allegheny College, 1906; Theol.D., University of Berlin, 1923; L.L.D., Lawrence College, 1926. **Dean of the School of Theology and Professor of Systematic Theology, Boston University, Boston, Mass., 1926 to date.** Professor of Biblical and Historical Theology, University of Denver, 1898-1900; Professor of Philosophy and Biblical Literature, Baker University, 1900-02; James E. Thoburn Professor of Bible and Philosophy, Allegheny College, 1902-06; Professor of Hebrew and Old Testament Exegesis, Boston University, 1906-21; Professor of Systematic Theology, Boston University, since 1921. **Author:** *The Old Testament Problem*, Abingdon Press, New York, 1908; *The Beacon Lights of Prophecy*, Abingdon Press, 1914; *The Religious Teaching of the Old Testament*, Abingdon Press, 1918, translated into Japanese and considered

the standard work on that subject in the Japanese language; *The Prophetic Movement in Israel*, Methodist Book Concern, New York, 1921; *Present Tendencies in Religious Thought*, Abingdon Press, 1924; *The Philosophy of Personalism: A Study in the Metaphysics of Religion*, Abingdon Press, 1927; extended work on Systematic Theology now in preparation; also many contributions to *The Christian Century*, *The Personalist*, and various other journals. **Member:** Delta Upsilon; Phi Beta Kappa; Fellow, American Academy of Arts and Sciences. **Biography in** *Allegheny—A Century of Education*, 1915; *Who's Who in America*, since 1908-09 ed.; *Who's Who Among North American Authors*, 1929-30; *Who's Who in the East*, 1930; *New International Encyclopedia*, New York. **Born** at Grand Meadow, Minn., Jan. 23, 1873; father, Rev. Asle Knudson, Pastor in Minnesota and Iowa since 1872, was born in Hol, Hallingdal; mother, Susan (Fosse) K., from Sogn; nephew, Rev. Lisle Burroughs, is a specialist in social service work in New York City; wife, Mrs. Mathilde (Johnson) Knudson, was formerly a Teacher of Music at Chicago Musical College and Pennsylvania School of Music, Meadville, Pa.

**KNUDSON, ARTHUR, A.B.**, University of Missouri, 1912; Ph.D., Columbia University, 1915. **Professor of Biological Chemistry, Albany Medical College, Union University, Albany, N. Y.**, 1921 to date. Assistant in Biological Chemistry, Columbia University, 1912-14; Adjunct Professor of Physiological Chemistry, Albany Medical College, Union University, 1914-15; Associate Professor of Biological Chemistry, same, 1915-21; also Professor of Physiological Chemistry, Albany College of Pharmacy, Union University, Albany, N. Y., 1919-24. **Author:** Section on "The Influence of Roentgen Rays, Radioactive Substances, Light and Electricity upon Metabolism" (with Thomas Ordway) in book on *Metabolism and Endocrinology*, D. Appleton & Co., New York, 1922; "The separate determination of cholesterol and

cholesterol esters in small amounts of blood" (with W. R. Bloor), *Journal of Biological Chemistry*, Vol. 27, p. 107, 1916; "Cholesterol and cholesterol esters in human blood" (with W. R. Bloor), *ibid.*, Vol. 29, p. 7, 1917; "Relationship between cholesterol and cholesterol esters in the blood during fat absorption," *ibid.*, Vol. 32, p. 337, 1917; "Relationship between cholesterol and cholesterol esters in the blood during their absorption," *ibid.*, Vol. 45, p. 255, 1921; "The estimation of lipid phosphoric acid ("lecithin") in blood by application of the Bell and Doisy method for phosphorus" (with F. S. Randles), *ibid.*, Vol. 53, p. 53, 1922; "Studies on cholesterol: I. Synthesis of cholesterol in the animal body" (with F. S. Randles), *ibid.*, Vol. 66, p. 459, 1925; "Studies on cholesterol: II. Influence of cholesterol on nutrition" (with F. S. Randles), *ibid.*, Vol. 63, 1925; "Studies on cholesterol: III. The relation of the suprarenals and spleen to cholesterol metabolism" (with F. S. Randles), *ibid.*, Vol. 67, 1926; "Metabolism study of a case of leukemia during radium treatment" (with T. Erdos), *Boston Medical and Surgical Journal*, 1917; "Metabolism in leukemia and cancer during radium treatment" (with Thomas Ordway and Jean Tait), *Albany Medical Annals*, 1920; "A chemical method of assaying the active principles of Digitalis" (with Melvin Dresbach), *Journal of Pharm. and Exper. Therap.*, 1922; "A chemical method of assaying strophanthin preparations" (with Melvin Dresbach), *Journal of American Pharmaceutical Association*, Vol. 12, p. 390, 1923; "The effect of oxidation on Wassermann antigen" (with R. Attenberg), *Proceedings of Society for Experimental Biology and Medicine*, Vol. 16, p. 48, 1919; "Cholesterol and cholesterol esters in blood showing a positive Wassermann reaction" (with Thomas Ordway and Hazel Ferguson), *ibid.*, Vol. 18, p. 299, 1921; "The relation between the chylomicrons (free granules) and the lipid content of the blood" (with W. K. Grigg), *ibid.*, Vol. 20, p. 462, 1923; "Effect of high voltage cathode



rays on rickets and on the activation of cholesterol" (with W. D. Coolidge), *ibid.*, Vol. 24, p. 366, 1927; and other research articles. **Member:** American Chemical Society; American Society of Biological Chemists; Society for Experimental Biology and Medicine; Alpha Chi Sigma; Phi Lambda Upsilon; Fellow, American Association for the Advancement of Science. **Biography in** *American Men of Science*, 1921, 1927; *Who's Who in the East*, 1930. **Born in** Milwaukee, Wis., Aug. 13, 1889; parents came from Kongsberg and Porsgrund in 1868; brother of Dr. Lewis Knudson (q.v.).

**KNUDSON, CHARLES ANTHONY, Jr.**, B.S. (summa cum laude), Dartmouth College, 1924; M.A., Harvard University, 1925; Ph.D., Harvard University, 1929. Assistant Professor of French. University of Michigan, Ann Arbor, Mich., 1929—. Henry Elijah Parker Fellow of Dartmouth College. Harvard University, 1924-26; Parker Fellow and Sheldon Fellow of Harvard University at Paris and Brussels, 1926-28; Instructor in Modern Languages, University of Buffalo, 1928-29. **Author** of various articles published in *Romania* (Paris), 1927-28. **Member:** Phi Beta Kappa; Delta Upsilon. Salutatory honors, Dartmouth College, 1924. **Born at** Sheboygan, Wis., Nov. 23, 1903; grandparents came from Norway.

**KNUDSON, CLARENCE MILTON**, B.S., in Ch. Eng., University of Denver, 1921; M.A., *ibid.*, 1922; Ph.D., University of Iowa, 1924. **Associate Professor of Chemistry, University of Denver, Denver, Colo., 1929—.** Instructor in Chemistry, University of Denver, 1921-22; Assistant in Chemistry, University of Iowa, 1922-23; Research Assistant, same, 1923-24; Instructor in Chemistry, University of Nebraska, 1924-26; Research Chemist, Mid-Continent Petroleum Corporation of Tulsa, Okla., Summer 1926; Instructor in Chemistry, Colorado School of Mines, 1926-27; Assistant Professor of Chemistry, Colorado School of Mines, 1927-29. **Author:**

"The Successive Electrometric Titration of Iron, Vanadium, and Uranium" (with R. G. Gustavson), *Journal of American Chemical Society*, Dec. 1922; "The Adsorption of Certain Vapors by Activated Charcoal" (with J. N. Pearce), *Proceedings of Iowa Academy of Science*, 1927. **Member:** American Chemical Society; Colorado-Wyoming Academy of Science; Sigma Xi; Sigma Phi Epsilon; Gamma Alpha; Phi Lambda Upsilon; Alpha Chi Sigma; Teknik Club of Denver. **Biography in** *American Men of Science*, 1927. **Born in** Denver, Colo., Dec. 19, 1900; father came from Kleppe, Tysnes, Søndhordland; mother born in Freeborn County, Minn.; maternal grandfather, Haakon Rasmussen, was born at Rolsheim, Tysnes, Søndhordland.

**KNUDSON, LEWIS**, B.S.A., University of Missouri, 1908; Ph.D., Cornell University, 1911. **Professor of Botany (Plant Physiology), Cornell University, Ithaca, N. Y., 1916 to date.** Instructor in Plant Physiology, Cornell University, 1908-11; Assistant Professor of Plant Physiology, same, 1911-16. Extensively engaged in research work (see *Encyclopedia Britannica*, 1929 ed., Vol. 16, p. 40, col. 1). Established the study of plant physiology in Spain upon the invitation of the Spanish government, 1920; Lecturer on plant physiology, Barcelona, and at Musee Nacional de Ciencias Naturales, Madrid, Spain, 1920 and 1921. **Author** of numerous research articles published in scientific journals. **Member:** Botanical Society of America; Alpha Zeta; Gamma Alpha; Real Sociedad Espanola de Historia Natural; Fellow, American Association for the Advancement of Science. **Biography in** *Who's Who in New York*; *Who's Who in America*; *American Men of Science* (classed as one of the leading American plant physiologists); *Who's Who in the East*, 1930. **Born in** Milwaukee, Wis., Oct. 15, 1884; parents came from Kongsberg and Porsgrund in 1868; brother of Dr. Arthur Knudson (q.v.).

**KNUTSEN, MARTIN HALVOR**, B.S., University of Wisconsin, 1914; M.S., University of Wisconsin, 1916. **Professor and Head of the Division of Bacteriology, Pennsylvania State College, State College, Pa., 1928—**. Instructor in Bacteriology, State College of Washington, 1916-17; Lieutenant, Sanitary Corps, U. S. Army, 1918-19; Instructor in Bacteriology, Pennsylvania State College, 1919-21; Assistant Professor of Bacteriology, same, 1921-23; Associate Professor of Bacteriology, same, 1923-28. **Author** of various scientific papers. **Member:** Society of American Bacteriologists; American Public Health Association; American Association for the Advancement of Science. Lieutenant, Sanitary Corps, U. S. Army, 1919 to date. **Biography** in *Rus*, 1925, 1930; *American Men of Science*, 1927, p. 556. **Born** at Kimball, S. Dak.; father's parents came from the vicinity of Oslo; mother's parents born in England.

**KNUTSON, LUCILE**, B.A., Carleton College, 1928. Instructor in Dramatic Arts and English, Carleton College, Northfield, Minn., 1929—.

**KOLSTOE, SOREN OLAF**, A.B., St. Olaf College, 1915; A.M., University of North Dakota, 1920; Candidate for Ph.D., in Education. **Professor of Education and Psychology, State Teachers College, Valley City, N. Dak., 1924 to date.** Teacher, Kindred (N. Dak.) High School, 1913-14; Teacher, Waldorf College, Forest City, Iowa, 1915-16; Teacher, Medina (N. Dak.) High School, 1916-17; High School, Cooperstown, N. Dak., 1918-19; Teacher of Science, Waldorf College, Forest City, Iowa, 1920-22; Assistant in Education, University of Minnesota, 1922-24. **Author:** *Personnel Study of Teachers of North Dakota* (in preparation). Has delivered numerous commencement addresses at High Schools. **Member:** Phi Delta Kappa; Kiwanis. **Biography** in *School Calendar*, 1924. **Born** at Kopervik, Karmöen, Jan. 5, 1888; came to the United States in 1896; sister, Ellen Kolstoe,

taught Elocution at Lutheran Normal School, Madison, Minn., 1911-13, and has since been a platform reader in Minnesota and North Dakota.

**KOPPERUD, WILLIAM**, D.D.S. Instructor in Oral Surgery, Northwestern University, Chicago, Ill., 1923 to date. Dental Surgeon, Chicago. Has given Clinics before various branches of Chicago Dental Society. **Born** in the United States; father came from Vardar; mother from Oslo.

**KOREN, JOHN**, A.B., Luther College, 1879; S.T.B., Concordia Seminary, 1882; Student in Europe. **Professorial Lecturer on Statistics (Political Economy and Sociology), University of Chicago, Chicago, Ill., 1909—?** Pastor, Boston, Mass., 1884-90; Special Expert, U. S. Department of Labor, in Europe, 1891; Commissioned to study the Gothenborg System of Liquor Regulation, Europe, 1893; with Committee of Fifty to Investigate the Liquor Problem, 1894-99; Statistician and Investigator in State and Municipal Service, 1899—? Expert Special Agent, U. S. Census Bureau; International Prison Commissioner for the United States. **Author:** *The Liquor Problem in its Legislative Aspects* (with F. W. Wines), Houghton, Mifflin & Co., New York and Boston, 1897, 2nd ed. 1898; *Economic Aspects of the Liquor Problem*, Houghton, Mifflin & Co., New York and Boston, 1899; *Summaries of Laws Relating to the Commitment and Care of the Insane in the United States*, National Committee for Mental Hygiene, New York, 1912; *Alcohol and Society*, Henry Holt & Co., New York, 1916; *Boston, 1822 to 1922. The Story of Its Government and Principal Activities During One Hundred Years*, City of Boston Printing Department, 1923; *The Padrone System and Padrone Banks*, U. S. Dept. of Labor Bull. No. 9; "Le Régime de L'Alcool aux Etats-Unis," *Revue Politique et Parlementaire*, Paris, June 1898; "The Condition of Criminal Statistics in the United States," *Transactions of International Congress on Hygiene and Demography, Washington, D. C., 1913*,



pp. 252-262. **Editor:** *The History of Statistics, Their Development and Progress in Many Countries*, pub. for the American Statistical Association by Macmillan Co., New York, 1918.

**Member:** American Economic Association; American Social Science Association; American Institute of Criminal Law and Criminology; National Committee for Mental Hygiene; Massachusetts Civic League; Royal Statistical Society; Honorary Associate Member, Société de Statistique de Paris; Fellow, American Statistical Association; President, American Statistical Association, 1913-14. **Biography in** *International Who's Who*, New York, 1912; *Who's Who in America*, 1901-02 to 1924-25 eds. **Born** at Washington Prairie, near Decorah, Iowa, March 3, 1861; died Nov. 9, 1923; father, Right Rev. Vilhelm Koren (1826-1910), President of the Norwegian Synod, 1894-1910, was born at Bergen (see Nelson's *History of the Scandinavians and Successful Scandinavians*, Vol. 2, Minneapolis, 1897; *Who's Who in America*, 1908-09 and 1910-11 eds.); mother, Else E. (Hysing) K., came from Larvik; brother, Rev. Paul Koren, has been Pastor at Washington Prairie, Iowa, since 1890; brother of Prof. William Koren (q.v.).

**KOREN, WILLIAM, A.B.**, Luther College, 1882; S.T.B., Concordia Seminary, 1885; A.M., Luther College, 1892; Graduate Student, Universities of Oslo and Leipzig, 1892-93; Add. Graduate Study in Europe, 1893-94, and 1900-01. **Assistant Professor, Preceptor in Modern Languages, Princeton University, Princeton, N. J.**, 1911 to date. Teacher, Bode (Iowa) Academy, 1887-89; Teacher of Greek, Latin, German, and English, Luther College, 1889-92; Professor of Literature and French, Iowa Wesleyan University, 1895-1900; Instructor in Modern Languages, Princeton University, 1901-11. **Author:** *Lessons in French Syntax and Composition* (with W. U. Vreeland), 2nd ed., Henry Holt & Co., New York, 1907; *Exercises in French Composition, for Schools and Colleges*, 2nd ed., Henry Holt & Co.,

New York, 1909. **Biography in** *Luther College Through Sixty Years; School Calendar*, 1924. **Born** at Washington Prairie, Iowa, Nov. 23, 1864; brother of John Koren (q.v.).

**KVITRUD, INGVALD, C.E.**, University of Minnesota, 1911. Instructor in Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn., various school years, 1914-21 or longer.

**LAGAARD, MAURICE BERNHARDT, B.S.**, University of Minnesota, 1914; C.E., *ibid.*, 1915. **Assistant Professor of Structural Engineering, University of Minnesota, Minneapolis, Minn.**, 1921-26. Assistant Engineer, Commercial Testing, University of Minnesota, 1915-18; Instructor in Experimental Engineering, University of Minnesota, 1918 and 1919-21; Associate Engineer, Research Laboratory, Portland Cement Association, Chicago, Ill., 1926 to date; also Concrete Engineer, U. S. Shipping Board and U. S. Emergency Fleet Corporation, 1918, 1919; Assistant Engineer, U. S. Bureau of Public Roads, 1920; Resident Engineer, Minnesota State Highway Department, 1923-24. **Author:** *Integral Waterproofing Compounds for Concrete*. **Member:** American Society for Testing Materials; American Concrete Institute. **Biography in** *American Men of Science*, 1927. **Born** in Minneapolis, Minn., Sept. 1, 1891; son of Theo. Lagaard, Civil Engineer of Minneapolis.

**LAGRO, GRETA, B.A.**, University of Minnesota; B.S. in Library Science, Columbia University, 1928. **Associate Professor of Library Science, Alabama College, Montevallo, Ala.**, 1929—. School Librarian, Fargo, N. Dak.; Librarian, Public Library, Superior, Wis., 1926-27. **Born** in Superior, Wis., 1894; father (d. 1894), student at University of Oslo for 2 years, came from Kongsberg.

**LANDIS, AGNES M. THORSON** (Mrs. Carney Landis), B.S., University of Minnesota, 1923; A.M., *ibid.*, 1924; Ph.D., *ibid.* (ex-

pected in the near future). **Assistant Professor of Psychology, Smith College, Northampton, Mass., 1928—** Teaching Fellow in Psychology, University of Minnesota, 1923-24; Assistant in Psychology, same, 1924-25; Instructor in Psychology, Smith College, 1925-28; also Research Assistant to Dr. L. V. Koos, University of Minnesota, Summer, 1923; Mental Examiner, Minnesota State Board of Control, Summer, 1924; Assistant Psychologist, Neurological Institute of New York, Summer, 1925.

**Author:** *An Experimental Study of Perseverance in the Pre-School Child* (in preparation); "The Relation of Tongue Movements to Internal Speech," *Journal of Experimental Psychology*, 1925; also several Reviews and Abstracts for psychological journals. **Member,** Sigma Xi (hon. sci.); Associate Member, American Psychological Association. **Born** at Rock Dell, Minn., 1899; father, the late Rev. Jorgen A. Thorsen, Pastor at Rock Dell, Minn., 1869-1916, Vice-President of Minnesota District of Norwegian Synod, 1877-84, and President, same, 1890-1901, was born in Drangedal, Bamle; mother from Lillehammer; brother, Ivar A. Thorsen, was Principal of Renville (Minn.) High School, 1895-99, Supt. of Schools, Madelia, Minn., 1900-04, and has been President of Northwestern School Supply Company, Minneapolis, since 1905.

**LANGLIE, THEOS ALVIN,** B.A., University of Minnesota, 1924; Ph.D., University of Minnesota, 1929. **Assistant Professor of Psychology, Wesleyan University, Middletown, Conn., 1930—** Assistant in Psychology, University of Minnesota, 1924-26; Instructor in Psychology, same, 1926-27; Instructor in Psychology, Wesleyan University, Middletown, Conn., 1927-29. **Author:** *A Personnel System for the Small Academic College*, book in preparation; "The Use of the Graphic Rating Scale Method to Predict University Scholarship," one section of a book; "Empirical Data on Scoring of True-false Test," *Journal of*

*Applied Psychology*, Dec. 1925; "Analysis of Iowa Placement Tests," *ibid.*, Sept. 1926; "What do the Iowa Placement Tests Measure?," *ibid.*, Dec. 1929; "Sex Differences in Scholarship," *Journal of Administration and Supervision*, Nov. 1926; "A Note on the Administration of Placement Examinations," *School and Society*, Nov. 13, 1926; "The Iowa Placement Examinations at the University of Minnesota," *Journal of Engineering Education*, May 1927; "A Comparison of Aptitude and Training tests for Prognosis," *Journal of Educational Psychology*, Dec. 1928; "Interests and Scholastic Proficiency," to be published in *Personnel Journal*; "The Measurements of Scholastic Interests," paper presented to the National Vocational Guidance Association, Atlantic City, N. J., Feb. 21, 1930; "The Strong Vocational Interest Questionnaire," paper read before the Eastern Personnel Officers Association, Vassar College, March 21, 1930. **Member:** American Psychological Association; Personnel Research Federation; Eastern Personnel Officers; Sigma Phi Epsilon; Sigma Xi, honorary fraternity. **Born** at Cooperstown, N. Dak., April 20, 1902; father came from the vicinity of Trondheim; maternal grandfather, Rev. Christian Saugstad, Pastor in Minnesota, 1872-94, was born in Ringsaker.

**LANGNESS, JULIA,** see Julia Langness Christianson.

**LANGVICK, MINA M., B.S., A.M.,** Teachers College, Columbia University; Graduate Student, Columbia University, 1926-27. **Associate Professor of Primary Education, Indiana State Teachers College, Muncie, Ind.,** for some time about 1926. Formerly County Supervisor, State of Maryland; Supervisor of Demonstration of Supervision, State of Indiana, in cooperation with the General Education Board (of New York City); Specialist in Rural Education Curriculum Study, U. S. Bureau of Education, Washington, D. C., 1928—. **Author,** *A Child's Handbook*. Listed in *Private Schools*, 1927-28. **Born** at Richville,



Minn.; parents, pioneers in Otter-tail County, Minn., came from Loiten, Hedemarken; niece of the late Hon. Kristian H. Ødegaard, Member of the Norwegian Storting, 1900-03; cousin of Dr. Joseph Frantze, prominent Physician of Oslo.

**LARSEN, CHARLES L.** Instructor in Founding, Armour Institute of Technology, Chicago, Ill., 1909 to date. Born in Chicago, Ill.; parents came from Oslo.

**LARSEN, HENNING, B.A.,** Luther College, 1908; M.A., State University of Iowa, 1911; Ph.D., Princeton University, 1915. Associate Professor of English, State University of Iowa, Iowa City, Iowa, 1925 to date. Teacher, High School, Decorah, Iowa, 1911-12; Assistant Professor of English, State University of Iowa, 1915-25; absent on leave, in Military Service, May 1917-Aug. 1919; 2nd lieutenant, Infantry Reserve Corps, Aug. 15, 1917-July 31, 1918; 1st Lieutenant, Infantry Reserve Corps, July 31, 1918-Aug. 4, 1919; served as Assistant to the Military Attaché, American Legation, Oslo, Norway, May 1918-July 1919; Acting Professor of English, University of Chicago, Summer Quarter 1928; Visiting Associate Professor of English, Leland Stanford, Jr., University, Summer Quarter 1929. Author: *Wudga: A Study in Germanic Hero Legend*, thesis for Ph.D., Princeton University; *An Old Icelandic Medical Miscellany*, ready for publication; "Sigdrifa - Brynhild," *Scandinavian Studies and Notes*, IV, 65-73, 1917; "Vidga in Scandinavian Hero Legend," *ibid.*, VI, 75 ff., 1920; "The Rediscovered Landstad Manuscripts," *ibid.*, VIII, 84 ff., 1924; "Tvibytna," *ibid.*, IX, 18 ff., 1926; "Wudga: A Study in the Theodoric Legends," *Philological Quarterly* (Iowa City, Iowa), I, 128-136, 1922; "Nok et Harpestreng Haandskrift," *Danske Studier* (Copenhagen), 1924; "En Variant til Eventyret om Spikersuppen," *Maal og Minne* (Oslo), 1925; "A Giver of Gifts," translated from Old Norse, *American - Scandinavian Review* (New York), XIII, 98 ff., 1925; "MS Royal Irish Academy 23 D 43," *Mod-*

*ern Philology* (Chicago), XXIII, 385 ff., 1926; "An Old Icelandic Medical Manuscript," *Annals of Medical History* (New York), IX, 60 ff., 1927; "The Vocabulary of the Old Icelandic Medical MS Royal Irish Academy 23 D 43," *Journal of English and Germanic Philology* (Urbana, Ill.), XXVI, 174 ff. Associate Editor, *Philological Quarterly* (published by the State University of Iowa), Jan. 1, 1929—. Lectures: "An Old Icelandic Medical Manuscript," delivered at Luther College, fall of 1924, St. Olaf College, Spring of 1925, and before Chicago Society for the History of Medicine, Jan. 1925; "Salernitan Medicine in Mediaeval Iceland," delivered at the University of Chicago, June 1928; "Old Norse Medicine," delivered before the Norse Study Club, Sioux City, Iowa, Feb. 12, 1929. Member: Modern Language Association of America; Linguistic Society of America; Mediaeval Academy of America; Society for the Advancement of Scandinavian Study; President, same, term ending May 1929. Born in Decorah, Iowa, June 28, 1889; father, Prof. Laur. Larsen, D.D. (1833-1915), President of Luther College, 1861-1902, was born at Christiansand S (see *Who's Who in America*, 1899-1900 to 1914-15 eds.; *Aschehougs Konversationsleksikon*, Oslo, 1925); mother, Ingeborg (Asstrup) L., was born in Solør, grew up in Bodø and in Nordre Aurdal, Valdres; brother of Dr. J. A. O. Larsen (q.v.), and Prof. Karen Larsen (q.v.).

**LARSEN, JAKOB AALL OTTESEN, A.B.,** Luther College, 1908; A.M., State University of Iowa, 1910; Graduate Student, Yale University, 1910-11; B.A., Oxford University, 1914; A.M., *ibid.*, 1920; Graduate Student, Harvard University, 1920-21; Ph.D., Harvard University, 1928. Associate Professor of History, Ohio State University, Columbus, Ohio, 1928 to date. Teacher, Public Schools, Clifford, N. Dak., 1908-09; Rhodes Scholar, Oxford University, England, 1911-14; Teacher of Greek and Latin, Park Region Luther College, Fergus Falls, Minn., 1914-17; Professor of Greek, Concordia College, Moorhead, Minn.,

1917-18, 1919-20; Assistant to Military Attaché, United States Legation, Copenhagen, 1918-19; Assistant Professor of History, University of Washington, Seattle, 1921-26; Assistant Professor of History, Ohio State University, 1926-28. **Author:** *A Study of Representative Government in Greek and Roman History—Part I, Greek History*, thesis for Ph.D., in Harvard University Library; "Representative Government in the Panhellenic Leagues," *Classical Philology*, Oct. 1925-Jan. 1926. Contributor to *Social Science Abstracts*. **Member:** American Historical Association; Classical Association of the Middle West and South; American Association of University Professors; Norwegian-American Historical Association; Society for the Advancement of Scandinavian Study; Association of American Rhodes Scholars; Phi Beta Kappa. **Biography in School Calendar**, 1924. **Born** at Decorah, Iowa, March 1, 1888; brother of Dr. Henning Larsen (q.v.); sister, Hanna Astrup Larsen, has been Editor of *American-Scandinavian Review*, New York, for many years, and is the author, translator, and editor of many books; brother of Prof. Karen Larsen (q.v.).

**LARSEN, JULIUS ANSGAR**, B.A., Yale University, 1908; M.F., Yale University, 1910. **Assistant Professor of Forestry**, Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa, 1924 to date. **Assistant in Geology**, Yale University, 1908-09; **Technical position** with U. S. Forest Service, 1910-13; **Research position** with U. S. Forest Service, 1913-24. **Author:** Chapter on "Northern Rocky Mountain Forests" in *Naturalists' Guide to the Americas*; "Climate and Forest Fires in Montana and Northern Idaho," *United States Weather Review*, Vol. L, 1922; "The Forest Fire Season at Different Elevations in Idaho," *ibid.*, Vol. LIII, 1925; "Weather Records for Mountain Lookout Stations in Northern Idaho," *Journal of Forestry*, March 1922; "The Trend of Silviculture Development in Germany," *ibid.*, Vol. 22, 1924; "Some Characteristics of Seeds

of Coniferous Trees from the Pacific Northwest," *National Nurseryman*, Vol. XXX, No. 9, Sept. 1922; "Effect of Removal of Virgin White Pine Stand upon the Physical Factors of Site," *Ecology*, Vol. III, No. 4, Oct. 1922; "Association of Trees, Shrubs, and other Vegetation in the Northern Idaho Forests," *Ecology*, Vol. IV, No. 1, Jan. 1923; "Slash Disposal in Western White Pine Forests of Northern Idaho," U. S. Department of Agriculture Forest Service, *Circular* 292, 1924; "Some Factors Affecting Reproduction after Logging in Northern Idaho," *Journal of Agricultural Research*, Vol. XXVIII, No. 11, Nov. 1924; "Natural Reproduction after Fires in Northern Idaho," *ibid.*, Vol. XXX, No. 12, 1925; "Girdling as a Means of Removing Undesirable Tree Species in the Eastern White Pine Type" (with D. R. Brewster), *ibid.*, Vol. XXXI, No. 2; "Methods of Stimulating Germination of Western White Pine Seed," *ibid.*, Vol. XXXI, No. 9, 1925; "Studies in Western Yellow Pine Nursery Practice" (with D. R. Brewster), *ibid.*, Vol. XXXI, No. 12; "Forest Planting in Norway," *American-Scandinavian Review*, about Feb. 1925, also in *Ames Forester*, 1925; "Products from Immature White Pine Stands in Idaho," *Idaho Forester*, 1925; also numerous other papers and reports. **Member:** Foresters Society of America; American Ecological Society; Sigma Xi. **Biography in American Men of Science**, 1921, 1927. **Born** in Drammen, 1877.

**LARSEN, KAREN**, A.B., University of Wisconsin, 1905; A.M., Columbia University, 1918. **Instructor in History**, Mount Holyoke College, South Hadley, Mass., 1918-19. **Teacher**, High School, Columbus, Wis., 1905-08; **Teacher**, Lutheran Normal School (now Augustana College), Sioux Falls, S. Dak., 1908-17; **Assistant Professor of History**, St. Olaf College, 1919-25; **Professor of History**, St. Olaf College, 1925 to date. **Author:** *Biography of Laur. Larsen, Pioneer Pastor and Teacher* (in preparation); "Danes in the Reichstag," *American-Scandinavian Review*, Sept.-Oct. 1918; "Prus-



sian Failure in Slesvig," *The Nation*, April 1919; "The Settlement of the Slesvig Question," *Political Science Quarterly*, Dec. 1919; "The Adjustment of a Pioneer Pastor to American Conditions," *Studies and Records, Publications of the Norwegian-American Historical Association*, Vol. IV, 1929. **Member:** American Historical Association; Norwegian-American Historical Association; Society for the Advancement of Scandinavian Study; Phi Beta Kappa; Pi Gamma Mu. **Biography in School Calendar**, 1924. **Born** at Decorah, Iowa, 1879; sister of Dr. Henning Larsen (q.v.); brother, Rev. N. Astrup Larsen, was Supt. of the China Mission of the Norwegian Lutheran Synod, 1914-17; Vice-Supt. of the China Mission of the Norwegian Lutheran Church of America, 1917-26; Acting Supt., same, 1922-23; on the Staff of the Lutheran College in China, Taohw-lun, near Yiyang, Province of Hunan, 1926-27 (after which college was closed owing to civil upheaval); and President of the Lutheran Church of China, 1924-27, this Church comprising the missions of the United Lutheran Church (taken over from the Berlin Mission), Augustana Synod, Norwegian Lutheran Free Church, Norwegian Lutheran Church of America, Norwegian Missionary Society, Finnish Missionary Society, Danish Missionary Society, the Church of Sweden, the Schleswig-Holstein Mission, and the Berlin Mission.

**LARSEN, LUDWIG THORSTEN**, A.B., Olivet College, 1899; A.M., *ibid.*, 1901; Add. Graduate Work, Olivet College, University of Michigan, and Southern College (affiliated with Vanderbilt University). **Dean of the College and Professor of Psychology and Philosophy**, Straight College, New Orleans, La., 1923 to date. **Sometime Fellow**, University of Michigan; **Instructor in Latin and Greek**, Olivet College, 1897-98; **Instructor in Greek**, same, 1898-99; **Instructor in Greek and English**, same, 1899-1904; **Acting Professor of Greek**, same, 1904-07; **Principal**, LeMoyne Normal School, 1908-15; **Dean of**

the College and Professor of Education, Talladega College, 1915-18; **Educational Secretary**, Army Y. M. C. A., Camp Sheridan, and later District Director of War Work and Reconstruction Work, State of Mississippi, 1918-19; **District and Staff Secretary**, State Y. M. C. A., Mississippi, and **Special Lecturer** for U. S. Public Health Service, 1919-22; **Professor of Psychology and Philosophy**, Straight College, 1922-23. **Author** of various articles published in magazines, school journals, and bulletins of the Interracial Commission. **Editor** of the school magazine published by LeMoyne Normal School, 7 years. Has delivered numerous lectures and addresses at schools and colleges, before State Teachers Associations, and at State religious conferences and conventions. **Member:** Pi Gamma Mu (honor society); member and sometime General Secretary, Phi Alpha Pi fraternity. **Winner** of all the scholastic and oratorical prizes offered in the Preparatory and College Departments of Olivet College. **Born** in Oslo, Norway; sister is Principal of a Public School, Elgin, Ill.; brother is Associate Principal of the Elgin (Ill.) High School; another brother is Head Sales Manager of the Royal Typewriter Company; son, Homer Thorsten Larsen (A.B., Oberlin College, 1922), has been Professor of Sociology, Tougaloo (Miss.) College, since 1923; daughter, Eleanor Marie Larsen (A.B., Oberlin College, 1924), has been Instructor in Physical Education and Hygiene, Tougaloo College, since 1924.

**LARSEN, MAX HERMAN** (nom de plume: Sven Larsen), Graduate, Moravian Seminary, Niesky, Germany, 1900; Fachlehrerprüfung, Dresden, 1908. **Instructor in Mathematics**, Robert College, Constantinople, Turkey, 1922 to date. **Teacher**, Knabeanstalt, Königsfeld, Baden, Germany, 1900-06; **Instructor in German and Mathematics**, Robert College, Constantinople, 1906-15; **Assistant Principal**, Institut Dr. Schmidt, St. Gaal, Switzerland, 1916-22. **Author:** *Kiskanmak*, *Drei Einakter*, *Schwei-*

zerhausverlag, Konstanz, Switzerland, 1922; *Rehlein*, Schauspiel in 4 Akten, Selbstverlag, 1924; *Die Saat der Mohren*, Der Roman eines Herrnhuter Missionskindes, Verlag von Bernhard Steffler, Leipzig, 1927; *Alwine auf Geschäftsreisen*, Lustspiel in 4 Akten (to be published in Leipzig). Contributor of papers and short stories to German and Swiss newspapers and magazines since the age of 20. Has lectured on Scandinavian and German Literature and on Modern German Drama. Born in Beaufort, Island of Jamaica, West Indies, Feb. 6, 1880; father, the Rt. Rev. Peter Larsen, missionary Bishop of the Moravian Church in the West Indies, was born in Trondheim.

**LARSEN, NORMAN LAWRENCE**, A.B., Colgate University, 1923; Work toward Ph.D., Cornell University. Instructor in Physics, Cornell University, Ithaca, N. Y., 1924-27. Winner of New York State Scholarship Prize, 1919; Colgate Scholarship, 1919; First Prize in Session Mathematical Contest, Colgate University, 1922. Expects to resume teaching in near future. Born at Hamilton, N. Y., Oct. 25, 1900; parents came from Oslo.

**LARSEN, THORLEIF**, M.A., University of Toronto; B.A., Oxford University. Associate Professor of English, University of British Columbia, Vancouver, B. C., Canada, now and for many years. Rhodes Scholar from the Province of British Columbia, Oxford University, England, 1907-10; later Teacher, High School, Victoria, B. C. Author: *Pronunciation*. A Practical Guide to American Standards (with Francis C. Walker), Oxford University Press, New York, 1930. Born in Sponviken, near Fredrikshald; brought to America at the age of 3.

**LARSON, AGNES M.**, A.B., St. Olaf College, 1916; A.M., Columbia University, 1922. Professor of English and History, State Teachers College, Mankato, Minn., 1922-26. Teacher in High Schools, 1916-21; University Scholar, Columbia University, 1921-22; Assistant Profes-

sor of History, St. Olaf College, 1926 to date. Born in Minn.; grandparents came from Eidsvold and Hurdalen; sister of Dr. Henrietta M. Larson (q.v.).

**LARSON, ALFRED THEODORE**, B.S., Carleton College, 1908; M.S., *ibid.*, 1912; Ph.D., Harvard University, 1917. Assistant Professor of Chemistry, Carleton College, Northfield, Minn., 1917-19. Instructor in Chemistry, Carleton College, 1910-12; Teaching Fellow, Harvard University, 1912-14; Instructor in Chemistry, Harvard University, 1914-17; Assistant Gas Chemist, U. S. Bureau of Mines, Jan.-April 1918; 1st Lieutenant, Chemical Warfare Section, National Army, April-July 1918; Captain, Chemical Warfare Service, U. S. Army, 1918-19; Catalytical Chemist, Ordnance Department, U. S. Army, 1919-20; Catalytical Chemist, Fixed Nitrogen Research Laboratory, U. S. Department of Agriculture, Washington, D. C., 1920-24; Catalytical Chemist, Lazote, Inc., Wilmington, Del., 1924 to date. Author of various scientific papers. Inventor of an apparatus for the detection of carbon monoxide in the air; patents on catalysts. Member: American Chemical Society; Alpha Chi Sigma; American Association for the Advancement of Science. Biography in *Who's Who in Engineering*, New York, 1925; *American Men of Science*, 1921, 1927. Born at Montevideo, Minn., July 4, 1884; son of John and Ida (Anderson) L.

**LARSON, ALVIN HALVER**, B.S.A., University of Minnesota, 1915. Assistant Professor of Agricultural Botany, University of Minnesota College of Agriculture, St. Paul, Minn., 1923 to date. Instructor in Agricultural Botany, University of Minnesota, 1917-23.

**LARSON, CARL WILLIAM**, B.S.A., Iowa State College, 1906; M.S., Pennsylvania State College, 1911; Ph.D., Columbia University, 1916. Professor and Head of the Department of Dairy Husbandry, Pennsylvania State College, State College, Pa., 1913-15. Instructor in



**Dairy Husbandry**, Pennsylvania State College, 1907-11; Assistant Professor of Dairy Husbandry, same, 1911-13; Assistant Professor of Agriculture and Agricultural Economics, Columbia University, 1916-17; Dairy Expert, Dairy Division, Bureau of Animal Industry, U. S. Department of Agriculture, Washington, D. C., 1917-19; Assistant Chief, Dairy Division, same, 1919-21; Chief of Dairy Division, same 1921-24; Chief of the newly-established Bureau of Dairying, U. S. Department of Agriculture, 1924-Jan. 1, 1928; Director, National Dairy Council (headquarters in Chicago), Jan. 1, 1928-1929; Dairy Financing, 120 Broadway, New York, 1929—. **Author:** *Principles and Methods of Milk Cost Accounting*, Columbia University Press, 1916; *Dairy Cattle Feeding and Management* (with F. S. Putney), J. Wiley & Sons, New York, 1917, rev. ed. 1928; *Profitable and Unprofitable Cows. Cooperative Cow Testing*, Pennsylvania State College School of Agriculture and Experiment Station Extension Circular No. 43, State College, Pa., 1915; *Statement on World's Dairy Congress before Committee on Foreign Affairs, House of Representatives, 66th Congress*, Government Printing Office, Washington, 1921. Contributor to *American Yearbook*, 1925. Collaborator on *Live Stock and Dairy Farming*, J. C. Winston Co., Philadelphia, 1818. **Member:** American Dairy Science Association; Washington Academy of Sciences; Sigma Psi; Alpha Zeta; Gamma Sigma Delta; Secretary, Pennsylvania Dairy Union, 1913-15; Secretary, American Dairy Science Association, 1914-16. United States Delegate to International Dairy Congress, Stockholm, 1911; United States Official Delegate to World's Dairy Congress, London, 1928. **Biography in** *Rus*, 1918, 1920, 1925, 1930; *Who's Who in the Nation's Capital*, 1926-27; *American Men of Science*, 1927; *Who's Who in America*; *Who's Who Among North American Authors*, 1929-30; *Who's Who in the East*, 1930. **Born** at St. Ansgar, Iowa, May 29, 1881; father, Henry Larson, came from Larvik in 1870; mother, Minnie (Hansen) L., from Nordland.

**LARSON, CHRISTENE ROLLEFSON** (Mrs. Larson), Diploma, Minneapolis School of Music and Dramatic Art. **Head of Voice Department and Direction**, University of Minnesota College of Agriculture, St. Paul, Minn., 1922-28. Instructor in Voice and Head of Art Department, Waldorf College, Forest City, Iowa, 1920-22. Private Studios in Voice and Dramatic Art, Minneapolis, many years. Chautauqua and platform work as Oratorio Soloist, Reader, and Radio Singer, several years. **Biography in** *School Calendar*, 1924. **Born** at Clarkfield, Minn., Jan. 2, 1890; father, O. K. Rollefson, came from Fjelstad, Nissedal, Telemarken; mother's parents (Berge) from Sogn; niece of Dr. C. J. Rollefson (q.v.).

**LARSON, DELIA LOUISE**, B.A., State University of Iowa, 1925; M.A., *ibid.*, 1926. **Instructor in Psychology**, State University of Iowa, Iowa City, Iowa, 1926 to date. Assistant in Psychology, same, 1925-26. **Member:** Sigma Xi; Phi Beta Kappa. **Born** at Thompson, Iowa; father's parents came from Sarpborg.

**LARSON, FLORENCE**, Pupil of Knute Froysaa, State Teachers College, Valley City, N. Dak.; Graduate, Dakota Conservatory of Music, Fargo, N. Dak., 1923. **Head of the Violin Department**, Wesley College, Grand Forks, N. Dak., 1925-27. Undergraduate Instructor, Dakota Conservatory, Fargo, N. Dak., 1922-23; Director, Orpheum Orchestra, Fargo, N. Dak., 1923-24; Assistant in Violin Department, Dakota Conservatory, Fargo, N. Dak., 1923-25; Instructor in Violin, State Teachers College, Mayville, N. Dak., 1926-27. **Member**, Sigma Alpha Iota (music sorority).

**LARSON, HELEN INGE-BORG**, A.B. Instructor in English, Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa, 1918-21.

**LARSON, HENRIETTA M.**, B.A., St. Olaf College, 1918; M.A., Columbia University, 1920; Ph.D., Columbia University, 1926. **Teacher of History and Economics**, Southern Illinois Normal University, Carbondale, Ill., 1926-28. Assistant, High School, Wheaton, Minn., 1918-19; Instructor, Augustana College, Sioux Falls, S. Dak., 1921-22; Teaching Assistant, University of Minnesota, 1922-24; Teacher of History and Economics, Bethany College, Lindsborg, Kans., 1925-26; Associate in Research, Graduate School of Business Administration, Harvard University, 1928 to date. **Author:** *The Wheat Market and the Farmer in Minnesota, 1858-1900* (thesis for Ph.D.), Columbia University Press, 1926; "An Immigrant Journey to America in 1854," a letter translated and edited, *Studies and Records*, Publication of the Norwegian-American Historical Association, Vol. III, 1928. On editorial staff, *Journal of Economic and Business History*. **Member:** American Historical Association; Norwegian-American Historical Association; Business Historical Society. **Born** in Fillmore County, Minn., 1894; sister of Prof. Agnes M. Larson (q.v.).

**LARSON, LAURENCE MARCELLUS**, A.B., Drake University, 1894; A.M., University of Wisconsin, 1900; Ph.D., University of Wisconsin, 1902; LL.D., Drake University, 1925. **Professor and Head of the Department of History**, University of Illinois, Urbana, Ill., 1920 to date. Principal, Scandinavia (Wis.) Academy, 1894-99; Henrik Wergeland Scholar, University of Wisconsin, 1900-01; Fellow in European History, University of Wisconsin, 1901-02; Teacher of History, West Division High School, Milwaukee, Wis., 1902-05; Teacher of History, East Division High School, Milwaukee, 1905-07; Associate in History, University of Illinois, 1907-08; Assistant Professor of History, University of Illinois, 1908-12; Associate Professor of History, same, 1912-13; Professor of History, University of Illinois, 1913 to date, in charge of the

Department of History since 1920; also Lecturer in History, University of Wisconsin, Summer 1916; Professor of History, University of Texas, Summer 1919; Professor of History, University of Montana, Summer Quarter 1924; Research work in Norse and English History, chiefly of the 11th and 12th centuries, London, 1925-26; Professor of History, Columbia University, Summers 1925, 1927, 1929. **Author:** *The King's Household in England before the Norman Conquest* (thesis for Ph.D.), published by the University of Wisconsin, 1904; *A Financial and Administrative History of Milwaukee*, University of Wisconsin, 1908; *A Syllabus of European History*, University of Illinois, 1909; *Canute the Great and the Rise of the Danish Imperialism during the Viking Age*, in the series *Heroes of the Nations*, Putnam's Sons, New York and London, 1912; *A Short History of England and the British Empire*, in the American Historical Series, Holt & Company, New York, 1915; *An Outline of the Historical Background of the Great War*, University of Illinois Press, 1918; *History of England and the British Commonwealth*, in the American Historical Series, Holt & Company, New York, 1924; "The Sectional Elements in the Early History of Milwaukee," *Proceedings of Mississippi Valley Historical Association*, I, 1907-08; "Old Norse Sources of English History," *Annual Report of the American Historical Association*, 1907-08; "Prussianism in North Sleswick," *American Historical Review*, Jan. 1919; "Did John Scolvus visit Labrador and Newfoundland in or about 1476?," *Scandinavian Studies and Notes*, May 1922; "The Norwegian Pioneer in the Field of American Scholarship," *Studies and Records*, Publication of the Norwegian-American Historical Association, Vol. II, 1927; also numerous other articles in *American History Review*, *Political Science Review*, *Political Science Quarterly*, *Journal of English and Germanic Philology*, *Scandinavian Studies and Notes*, *The Dial*, *American-Scandinavian Review*, and other journals; paper on "The Use of Witnesses in Anglo-Saxon Law"



read at International Historical Congress, Oslo, Aug. 1928. Contributor to *Hoops' Reallexikon*. **Translator:** *The King's Mirror* (from Old Norse), American-Scandinavian Foundation, New York, 1917; *Old Norwegian Law: The Gulathing Law and the Frostathing Law*, "primitive codes of great value for an understanding of both the social and legal history of northern Europe in the early Middle Ages," to be published in the series *Records of Civilization*, Columbia University Press. **Co-editor,** *University of Illinois Studies in the Social Science*, 1911-20; Member of Board of Editors, Norwegian-American Historical Association; Acting Editor-in-Chief, *Publications of the Norwegian-American Historical Association*, 1928-29. **Member:** American Historical Association (member of Council, 1927—); Mississippi Valley Historical Association; Norwegian-American Historical Association (Vice-President); Society for the Advancement of Scandinavian Study; American Medieval Academy; American Association of University Professors; Fellow, Royal Historical Society, London; Fellow, American Geographical Society. Trustee, Illinois Historical Library, 1923 to date. **Biography** in *University of Illinois Alumni Record*, 1918; *School Calendar*, 1924; *Who's Who in America*, since 1914-15 ed; *Who's Who Among North American Authors*, 1929-30. **Born** at Spjutöy, Lindaas, near Bergen, Sept. 23, 1868; brought to the United States when less than two years old.

**LARSON, LOUIS JOHN**, B.S. in C.E., University of Minnesota, 1914; C.E., *ibid.*, 1915; M.S., University of Illinois, 1917. **Associate in Theoretical and Applied Mechanics**, University of Illinois, Urbana, Ill., 1923-27. Assistant Engineer Physicist, Bureau of Standards, Washington, D. C., 1917-18; Chief Engineer, in charge of Tests and Design, Lumber, Tie and Timber Vulcanizing Company, Beaumont, Texas, 1919-20; Instructor in Theoretical and Applied Mechanics, University of Illinois, 1920-23; also Assistant Engineer of Tests for a

special Committee to Report on Stresses in Railway Tracks, Summers 1920-27 (Reports of this Committee published in *Transactions of the American Society of Civil Engineers*, 1923, 1925); Research Engineer, A. O. Smith Corporation, Milwaukee, Wis., 1927 to date. **Author:** "The Airplane Tensiometer," *Fourth Annual Report of the National Advisory Committee on Aeronautics*, Government Printing Office, Washington, D. C., 1919; *Load strain-gage test of 150-ton floating crane for the Bureau of Yards and Docks*, U. S. Navy Dept. (Bureau of Standards. Technologic Paper No. 151), with Templin, Government Printing Office, March 1920; *Loading test of a hollow tile and reinforced concrete floor of Arlington Building*, Washington, D. C. (Bureau of Standards. Technologic Paper No. 236), with others, Government Printing Office, 1923. **Inventor** of the Larson Tensiometer, used by the United States and French Governments for measuring tension in airplane cables, and in research work, 1918. **Member:** Tau Beta Pi; Sigma Xi; Heimskringla (University of Illinois); Associate Member, American Society of Civil Engineers. **Biography** in *Who's Who in Engineering*, 1925. **Born** at Heron Lake, Minn., 1891; father came from Stenkjär; mother's parents from Namsos.

**LAVIK, JOHN R.**, A.B., St. Olaf College, 1903; C.T., United Church Seminary, 1906; A.M., University of South Dakota, 1910. **Instructor** in Scandinavian Languages, University of South Dakota, Vermillion, S. Dak., 1906-09. **Pastor** in South Dakota, Canada, Wisconsin, and Colorado, 1906 to date; President of Camrose College, Camrose, Alberta, Canada, 1913-17. Secretary, Augustana College Association, 1907-10; President, Alberta Norwegian Luther College Association, 1912-17. **Biography** in *School Calendar*, 1924; *Who's Who Among Pastors*, 1928. **Born** at Zumbrota, Minn., Jan. 31, 1881; father, the late Rev. R. A. Lavik, pastor in North Dakota and Minnesota, 1888-1913, was born at

Eksingdalen, near Bergen; brother of Prof. R. H. Lavik (q.v.).

**LAVIK, RUDOLPH HALBERT**, A.B., Concordia College, Moorhead, Minn., 1917; B.P.E., International Y. M. C. A. College, Springfield, Mass., 1918. Assistant Professor of Physical Education, Colorado Agricultural College, Fort Collins, Colo., 1925-27. Instructor in Physical Education, Concordia College, Moorhead, Minn., 1918—? Assistant Athletic Director, Colorado College, Colorado Springs, Colo., 1922-25; Athletic Coach, Northern Arizona State Teachers College, Flagstaff, Ariz., 1927 to date. Born in the United States; brother of Rev. J. R. Lavik (q.v.).

**LA VOI, DELMAR H.**, B.S.A., University of Minnesota, 1923. Assistant Professor of Animal Husbandry, University of Minnesota Northwest School and Experiment Station, Crookston, Minn., 1923-29; with Michigan State College of Agriculture and Applied Science, 1929—. Member: Sigma Chi, Alpha Zeta, Gamma Sigma Delta. *Biography in Rus*, 1925, 1930. Born at Fosston, Minn., March 24, 1901; father French; mother from Arendal.

**LAWRENCE, CARL GUSTAVUS**, B.L., University of Wisconsin, 1894; M.A., University of South Dakota, 1919; LL.D., Yankton College, 1930. President of Southern State Teachers College, Springfield, S. Dak., 1919 to date. Professor of Latin and History, Augustana College, Canton, S. Dak., 1894-98; Superintendent of Schools, Canton, S. Dak., 1898-1906; County Superintendent of Schools, Lincoln County, S. Dak., 1907-11; State Superintendent of Public Instruction, South Dakota, 1911-14; Superintendent of Schools, Canton, S. Dak., 1914-19. Author: *11th Biennial Report of State Superintendent of Public Instruction, South Dakota*, 1912. Member: South Dakota Education Association; Member of Executive Council, same; Member-at-large, Pi Gamma Mu, national social science honor society; President, South Dakota

Education Association, 1930. Member of State Board of Education, South Dakota, 1926—. *Biography in History of South Dakota*, 1915; *Who's Who and Why in After-War Education*; *School Calendar*, 1924; *Who's Who in America*; *Who's Who in American Education*, 1930. Born in Madison, Wis., Jan. 12, 1871; father, a seminarist, came from Hundalen, Seljord, Telemarken, in 1843, and three years later was granted a teacher's certificate authorizing him to teach in the Public Schools of Dane County, Wis.; mother came from Kragerö in 1854; brother, the late Rev. John Hundale Lawrence, served as Pastor in North Dakota, New Hampshire, Minnesota, and Wisconsin, 1887-1901; son, John Hundale Lawrence, completed his medical course in the Harvard Medical School, 1930, and is now an intern in the Peter Bent Brigham Hospital, Boston, under the noted surgeon, Dr. Harvey Cushing; father of Prof. Ernest O. Lawrence (q.v.).

**LAWRENCE, ERNEST ORDANDO**, A.B., University of South Dakota, 1922; A.M., University of Minnesota, 1923; Ph.D., Yale University, 1925. Professor of Physics, University of California, Berkeley, Calif., 1930—. National Research Council Fellow in Physics, Yale University, 1925-27; Assistant Professor of Physics, Yale University, 1927-28; Associate Professor of Physics, University of California, 1928-30; also consulting chemist (Physicist), U. S. Department of Agriculture, Washington, D. C., during summers. Author: "The Photo-Electric Effect in Potassium Vapour as a Function of the Frequency of the Light," *Philosophical Magazine*, 1925; "The Ionization of Atoms by Electron Impact," *Physical Review*, 1926; "On the Nature of Light," *Proceedings of the National Academy of Sciences*, 1927; also numerous other papers published in scientific journals. Member: American Physical Society; American Association for the Advancement of Science; Sigma Xi; Gamma Alpha. "E. O. Lawrence and J. W. Beams have succeeded in producing flashes of light whose duration is about  $10^{-10}$  seconds, thus producing light



pulses of three centimeters length." *Americana Annual*, 1927, p. 692. Biography in *American Men of Science*, 1927. Born at Canton, S. Dak., Aug. 8, 1901; son of President C. G. Lawrence (q.v.); maternal grandfather, Eric Jacobson, came from Gudbrandsdalen in 1870.

**LEE, CARL EMIL**, B.S., North Dakota Agricultural College, 1897; M.S., University of Wisconsin, 1909. Assistant Professor of Dairy Husbandry, University of Wisconsin, Madison, Wis., 1909-15. Field Instructor in Dairy Manufacture, University of Illinois, 1903-05; Instructor in Dairy Husbandry, University of Illinois, 1905-07; Assistant Professor of Dairy Husbandry, same, 1907-09; also First Assistant in Dairy Manufacture, Agricultural Experiment Station, University of Illinois, 1905-09; Assistant Dairy and Food Commissioner, and Dairy Specialist, Wisconsin State Department of Agriculture, Madison, Wis., 1925—. **Author:** *Handling of Cream and Making of Butter on the Farm*, Illinois Agricultural Experiment Station Circular 131, Urbana, 1909; *Progress of the Dairy Industry in Wisconsin* (with H. C. Taylor), Wis. Agr. Exp. Sta. Bull. 210, Madison, 1911; "A Study of Factors Influencing the Composition of Butter" (with others), Ill. Agr. Exp. Sta. Bull. 137, pp. 313-366, Urbana, 1909; "Pasteurization as a Factor in Making Butter from Cream Skimmed on the Farm," Ill. Agr. Exp. Sta. Bull. 138, pp. 367-438, Urbana, 1909; "Composition of Butter Making" (with J. M. Barnhart), Ill. Agr. Exp. Sta. Bull. 139, pp. 441-457, Urbana, 1909; "Comparison of Methods of Sampling Cream for Testing" (with N. W. Hepburn), Ill. Agr. Exp. Sta. Bull. 153, pp. 545-574, Urbana, 1912. **Member**, Sigma Xi. Biography in University of Illinois *Alumni Record*, 1918; *Rus*, 1920. Born at Edgerton, Wis., 1875; father, pioneer farmer at Fingal, N. Dak., came from Kongsberg in 1866; mother, from Drammen.

**LEE, KONRAD OLAV**, B.A., Concordia College, Moorhead, Minn., 1919; M.S., University of

Chicago, 1921; Ph.D., *ibid.*, 1926. Instructor in Physics, Albion College, Albion, Mich., 1921-23. Professor of Physics and Mathematics, Concordia College, Moorhead, Minn., 1926-28; Professor of Physics, same, 1928—. **Author:** "Wave-length in the Secondary Spectrum of Hydrogen" (with H. G. Gale and G. S. Monk), *Astrophysical Journal*, March 1928. **Member**, Sigma Xi. Born at Argusville, N. Dak., 1892; father, Knute Lee, came from Trysil, Østerdalen, at the age of 14; mother, Maria (Strandvold) Lee, came from Trysil, Østerdalen, at the age of one and one-half years; cousins: Rev. Eugene W. Lee, Supt. of Schools, Lime Springs, Iowa, 1919-21, Teacher at Lutheran Normal School, Canton, S. Dak., 1924-26; Gerhard H. Dahl, Teacher of Music at Lutheran Normal School and Augustana College and Normal School, Sioux Falls, S. Dak., 1916-20, now in business in Chicago; the late Rev. Hjalmar O. Gronlid, Chaplain, Canadian Expeditionary Forces, 1918-19, Pastor in New York and Saskatchewan, 1908-16, 1922-28, and President of Outlook College, Outlook, Sask., Canada, 1916-18, 1919-22; uncle, Professor Olav Lee, has been a member of the faculty of St. Olaf College since 1894.

**LEE, OLIVER JUSTIN**, A.B., Augsburg Seminary, Minneapolis, Minn., 1901; A.B., University of Minnesota, 1907; M.S., University of Chicago, 1911; Ph.D., *ibid.*, 1913. Professor and Head of the Department of Astronomy, Northwestern University, Evanston, Ill., 1929—. Computer, Yerkes Observatory, University of Chicago, Williams Bay, Wis., 1907-10; Fellow, Yerkes Observatory and University of Chicago, 1910-12; Assistant, Yerkes Observatory, 1912-14; Instructor in Practical Astronomy, same, 1914-23; Assistant Professor of Practical Astronomy, Yerkes Observatory, University of Chicago, Williams Bay, Wis., 1923-26; Assistant Astronomer, Dearborn Observatory, Evanston, Ill., 1928-29. Lecturer on Astronomy, University of Minnesota,

Summers 1908-10; Director of School of Navigation, U. S. Shipping Board, Chicago, 1917-19; Executive Member, Yerkes Observatory Total Solar Eclipse Expedition, California, 1923, Michigan, 1925; Visiting Professor of Astronomy, University of Oregon, Summer 1928. **Author:** "Photographs of Halley's Comet," *Astrophysical Journal*, Vol. 30, p. 237, 1909; "Measures on Nineteen New Spectroscopic Binaries," *ibid.*, Vol. 32, p. 300, 1910; "The Spectroscopic System of *Camelopardalis*" (thesis for Ph.D.), *ibid.*, Vol. 37, p. 1, 1913; "Orbit of the Spectroscopic Binary Orionis," *ibid.*, Vol. 38, p. 175, 1913; "A New Double Occulting Sector for Stellar Photographs," *ibid.*, Vol. 44, p. 59, 1916; "A Statistical Study of Certain Solar Phenomena," *ibid.*, Vol. 45, p. 206, 1917; "The Exceptionally High Solar Prominence of October 8, 1920," *ibid.*, Vol. 53, p. 310, 1921; "The Influence of Quadratic Terms in Reductions of Stellar Parallax," *Astronomical Journal*, Vol. 29, p. 329, 1919; "The First Parallax of Sirius by Photography," *Monthly Notices of the Royal Astronomical Society of London*, May 1920; "Zone 45 of Kapteyn's Selected Areas: Parallaxes and Proper Motions of 1041 Stars," Part IV, Vol. IV, *Publications of the Yerkes Observatory*, 1926; also more than 40 other papers in scientific journals. **Member:** American Astronomical Society; Sigma Xi; International Astronomical Union; Member of Committee on Stellar Parallaxes, and Committee on Solar Physics, same; Fellow, American Association for the Advancement of Science; Fellow, Royal Astronomical Society, London. **Biography in** *American Men of Science*, 1921, 1927; *School Calendar*, 1924; *Who's Who in America*. Born at Montevideo, Minn., Dec. 16, 1881; father, Timan H. Lee, came from Nedre Aurdal, Valdres; mother's parents (Foss), from Aal, Hallingdal.

**LEIFSON, EINAR**, B.S., North Dakota Agricultural College, 1925; Grad. Work, Iowa State College, 1925-27; Ph.D., University of Chicago. **Instructor in Bacteriology**, Johns Hopkins University School

of Medicine, Baltimore, Md., 1929—. Assistant in Chemistry, Iowa State College, 1925-27; Assistant in Bacteriology, University of Chicago, 1927-29. Born in Christiansand S., 1902; came to the United States in 1914; brother of Dr. S. W. Leifson (q.v.).

**LEIFSON, SIGMUND WALDEMAR**, B.S., North Dakota Agricultural College, 1922; Ph.D., University of California, 1925. **Associate Professor of Physics**, University of Nevada, Reno, Nev., 1929—. Instructor in Radio Communication, North Dakota Agricultural College, Summer 1922; Teaching Fellow in Physics, University of California, 1922-25; Instructor in Physics, University of Nevada, 1925-26; Assistant Professor of Physics, University of Nevada, 1926-29. **Author:** "Absorption Spectra of Gases and Vapors in Schumann Region," *Astrophysical Journal*, March 1926. **Member:** American Physical Society; Phi Kappa Phi; Sigma Xi. **Biography in** *American Men of Science*, 1927. Born at Fessenden, N. Dak., 1897; father came from Christiansand S.; mother from Fyrisdal, Telemarken; brought up in Christiansand S., completed first year of Gymnasium in Norway, and returned to North Dakota in 1914; brother of Dr. Einar Leifson (q.v.).

**LELAND, VALBORG**, Diploma, Institute of Musical Art, New York, 1921; Teacher's Diploma, *ibid.*, 1923; Pupil of Franceska Bendeke, Minneapolis; Eugene Ysaye, Cincinnati; Franz Kneisel, and Leon Sametini. **Instructor in Violin**, Director of String Quartette and of Little Symphony Orchestra, and Assistant Director of Musical Programs for Radio Station KFMX, Carleton College, Northfield, Minn., 1927—. Teacher, Preparatory Center, Institute of Musical Art, New York, 1923-24; Instructor in Violin, Cello, Harmony, Ear Training, and Ensemble, Stephens Jr. College, Columbia, Mo., 1924-26; Head of Violin Department and Instructor in Cello, Harmony, Ear Training, and En-



semble, and Conductor of Orchestra, Albion College, Albion, Mich., 1926-27. Concert Violinist. Winner of Contest, Chicago Musical College, June 1926, entitling her to scholarship for study under Leon Sametini. **Member**, American Association of University Women. Listed in *Key's Music Yearbook*, 1926-27. **Born** at Kenyon, Minn., 1900; father, Dr. Ragnvald Leland, practising physician at Kenyon, Minn., since 1895, was born in Borge, Lofoten; mother's parents came from Ringsaker; mother, Mrs. Mabel Johnson Leland, Graduate of Ripon College School of Music under Rossetter G. Cole, 1894, is a Teacher of Piano, Translator of Garborg's *The Lost Father*, founder of the Round Table Club of Kenyon, Minn., and has served as Chairman of Kenyon League of Women Voters, Chairman of the local branch of Council of National Defense, Secretary-Treasurer of Third District, Minnesota Federated Women's Clubs, Secretary of Kenyon Public Library Association for 20 years, and State Chairman of the Woman's Auxiliary, Norse-American Centennial, Minneapolis, 1925 (see *Souvenir Norse-American Women, 1825-1925*, Minneapolis, 1925).

**LENNES, NELS JOHANN**, B.S., University of Chicago, 1898; M.S., *ibid.*, 1903; Ph.D., *ibid.*, 1907. **Professor and Head of the Department of Mathematics, University of Montana, Missoula, Mont., 1913 to date.** Teacher of Mathematics, John Marshall High School, Chicago, Ill., 1898-1903; Fellow in Mathematics, University of Chicago, 1904-05; Teacher of Mathematics, Wendell Phillips High School, Chicago, 1905-07; Instructor in Mathematics, Massachusetts Institute of Technology, 1907-10; Instructor in Mathematics, Columbia University, 1910-13; also Instructor in Mathematics, University of Chicago, Summer Quarters 1906, 1907; Head of the Department of Mathematics, Chautauqua Summer Schools, Chautauqua, N. Y., 1908-13. **Author:** *Infinitesimal Analysis* (with Dr. Oswald Veblen), John

Wiley & Sons, New York, 1906; *Curves in Nonmetrical Analysis Situs, With an Application in the Calculus of Variations* (thesis for Ph.D.), 1907; *High School Algebra* (with H. E. Slaught), Allyn and Bacon, 1907; *Advanced Algebra* (with H. E. Slaught), Allyn and Bacon, 1908; *Plane Geometry* (with H. E. Slaught), Allyn and Bacon, 1910; *Solid Geometry* (with H. E. Slaught), Allyn and Bacon, 1911; *First Principles of Algebra* (with H. E. Slaught), Allyn and Bacon, 1912; *Business Arithmetic* (with C. W. Sutton), 2 vols., Allyn and Bacon, 1918; *Applied Arithmetics* (with Frances Jenkins), 3 vols., J. B. Lippincott Co., Philadelphia, 1920; *The Story of Columbus* (with Paul Phillips), J. B. Lippincott Co., 1921; *The Teaching of Arithmetic*, Macmillan Company, New York, 1923; *Farm Accounting*, Macmillan Company, 1924; *Drills and Tests in Arithmetic*, Laidlaw Brothers, 1924; *The New Algebra* (with H. E. Slaught), Allyn and Bacon, 1926; *A Survey Course in Mathematics*, Harpers, New York, 1926 (a new course, introduced by Dr. Lennes, consisting of a brief introduction to Trigonometry, Analytical Geometry, and Calculus, this text-book being already used in about 50 colleges); *Whither Democracy?*, Harpers, 1927; *Plane Trigonometry* (with A. S. Merrill), Harpers, 1928; *Five-Place Tables* (with A. S. Merrill), Harpers, 1928; *College Algebra*, Harpers, 1928; *Analytic Geometry* (with A. S. Merrill), Harpers, 1929; also numerous mathematical papers published in *Transactions of the American Mathematical Society*, *Bulletin of the American Mathematical Society*, *American Journal of Mathematics*, *Annals of Mathematics*, *School Science and Mathematics*, *The Chautauquan*, *School and Society*, *The Educational Review*, and other journals. **Member:** American Mathematical Society; Mathematical Association of America; American Geographical Society; Phi Kappa Sigma; Sigma Xi. **Biography in American Men of Science**, 1921, 1927; *Who's Who Among North American Authors*, 1925, 1927-28, 1929-30; *Who's Who in America*. **Born** in Hemne, Sör Tröndelag

Fylke, June 15, 1874; came to the United States in 1890.

**LERCHE, THORLEIF IVERSON**, B.S., D.D.S. Instructor in Oral Surgery, University of Illinois College of Dentistry, Chicago, Ill., 1921-26. Brother of Dr. William Lerche (q.v.).

**LERCHE, WILLIAM**, Graduate Pharmacist, University of Oslo, 1887; M.D., College of Physicians and Surgeons (University of Illinois), Chicago, 1897; Graduate Work in Surgery, Berlin, 1899. Associate Professor of Surgery, University of Minnesota, Minneapolis, Minn., 1920-28. Physician and Surgeon, rural districts of Wisconsin, 1897-99, later at Eau Claire, Wis., and in St. Paul, Minn., 1905-28. Member of Surgical Staff, St. Luke's Hospital, Minnesota State Hospital for Crippled Children, and City and County Hospital, Minneapolis; now Resident of Cable, Wis. Author: Chapter on "Mediastinal Infections" in Dean Lewis' *Surgery*, Prior Company, Hagerstown, Md., 1928; "Diffuse Dilation of the Oesophagus without Anatomical Stenosis," *American Journal of the Medical Sciences*, Oct. 1907; "A Contribution to the Surgery of the Oesophagus, with a Report of Five Cases of Cicatricial Strictures treated by Cutting through the Oesophagoscope," *Surgery, Gynecology and Obstetrics*, Oct. 1910 (this method of operation and the instruments with which to perform it were originated by the author); "The Oesophagoscope in Removing Sharp Foreign Bodies from the Oesophagus," *Journal of American Medical Association*, March 4, 1911; "The Surgical Treatment of Diverticula of the Urinary Bladder, with the Report of a Case and a New Device for facilitating the Operation," *Annals of Surgery*, Feb. 1912, also read before the Minnesota State Medical Association, 1911; "Remarks on Cardiospasm, with Special Reference to Treatment and the Use of the Oesophagoscope for Examination, Based on a Study of Seventeen Cases," *American Journal of the Medical Sciences*, March 1912; "Spas-

tic Tumor in the Pyloric Canal and other Spastic Conditions of the Stomach: Their Surgical Treatment," *Surgery, Gynecology and Obstetrics*, March 1914; "Diseases of the Oesophagus," *New York Medical Journal*, June 19, 1915; "A Contribution to the Etiology of Cancer of the Oesophagus and Stomach," *Surgery, Gynecology and Obstetrics*, July 1916, also read before Minnesota Academy of Medicine, 1915; "Surgical Treatment of Suppuration in Posterior Mediastinum," *Surgery, Gynecology and Obstetrics*, March 1921, also read before American Association for Thoracic Surgery, New Orleans, 1920; "Insufficiency (Eventration) of the Diaphragm, with the Surgical Treatment thereof," *Surgery, Gynecology and Obstetrics*, Feb. 1922, also read before Minnesota Academy of Medicine, 1921 (this operation was originated by the author, and it was the first operation for this condition of the diaphragm ever performed); "Suppuration in the Posterior Mediastinum," *Archives of Surgery*, Jan. 1924, also read before American Association for Thoracic Surgery, Chicago, 1923; "Infected Mediastinal Lymph Nodes as a Source of Mediastinitis," *Archives of Surgery*, Jan. 1927, also read before American Association for Thoracic Surgery, Montreal, Canada, 1926; "Infections of the Lymph Nodes of the Bronchial Tree," *Archives of Surgery*, Jan. 1928, also read before American Association for Thoracic Surgery, New York, 1927; "Hodgkin's Disease of the Neck and Mediastinum: Bilateral Cervical Operations; Mediastinotomy," *Archives of Surgery*, Jan. 1929, also read before American Association for Thoracic Surgery, Washington, D. C., 1928. All of the above papers and articles contain original matter, either new ideas of treatment, or description of new instruments and apparatus devised by the author, or both; they have been quoted by writers in the United States and other countries, and a number of them are quoted in textbooks of today. One of the pioneers in America to do oesophagoscopy and bronchoscopy, and has devised numerous instruments for this kind of work. Member: American Medical



Association; Minnesota State Medical Association; Minnesota Academy of Medicine; Minnesota Pathological Society; Ramsey County Medical Society; Charter member, American Association for Thoracic Surgery; Fellow, American College of Surgeons. *Biography in American College of Surgeons* (yearbooks); *Encyclopedia Americana, Biographies*, 1929. Born in Larvik, Jan. 21, 1867; came to Chicago May 1, 1893; served as clerk in drug store in Chicago, enrolled at the College of Physicians and Surgeons, and by retaining his position as night clerk defrayed all college and living expenses until he took his M.D. degree 4 years after his arrival in Chicago; brother of Dr. Thorleif I. Lerche (q.v.).

**LERUM, ARNE CHRISTOPHER**, B.S., University of Wisconsin, 1903; LL.B., University of Wisconsin, 1906. Instructor in Physical Education, University of Wisconsin, Madison, Wis., 1909-10. Chief Clerk to the State Board of Control, Madison, Wis., 1906-09; Elected Clerk of the Circuit Court of Dane County, Madison, Wis., 1910. "Known in football annals as one of the greatest guards the gridiron has ever had. \* \* \* As a member of the Wisconsin football team Mr. Lerum won all-American honors as guard, and twice made the all-Western team. \* \* \* His powerful frame and aggressiveness made him feared above all others by opponents on the gridiron, and he fully won the national recognition which came to him." *Biography in Wisconsin Alumni Magazine*, July 1911. Born in Lyster, Sogn (Ulvestad); came to the United States at the age of 14; died June 25, 1911, at the age of 32; mother and sister residing in Norway at the time of his death.

**LEUM, CLARA L.**, A.B., University of North Dakota, 1916; A.M., Ohio State University, 1928. Assistant Professor of Education, Capital University, Columbus, Ohio, 1929—. Assistant Principal of Buxton (N. Dak.) High School, 1916-17; Principal, Ray (N. Dak.)

High School, 1917-20; Dean of Women and Head of the Department of English, Hebron (Neb.) College and Academy, 1920-26; Instructor in Education, Capital University, 1926-29. Lecturer at Sunday School Institutes, Luther League Conventions, etc. Has been making a study of the methods used in the teachers colleges of Ohio in conducting the work of observation in teacher training. Born at Mayville, N. Dak.; father, J. C. Leum (1853-1928), well-known resident of Mayville, N. Dak., came from Feiring, Akershus Fylke, in 1873; mother's father, Hans Olstad, came from Aulestad, later the home of Bjørnstjerne Bjørnson; brother, Henry Leum, is a practicing attorney of Mayville, N. Dak.; five sisters have been teachers.

**LIEN, ARNOLD JOHNSON**, A.B., University of Minnesota, 1908; A.M., *ibid.*, 1909; Ph.D., Columbia University, 1913. Professor and Head of the Department of Political Science, Washington University, St. Louis, Mo., 1924 to date. Teacher, Public Schools, Firman, Minn., 1905-06; Assistant, University of Minnesota, 1908-10; Instructor, University of Colorado, 1910-12, and Summer 1912; Richard Watson Gilder Fellow, Columbia University, 1912-13; Instructor in Economics and Economic History, Pennsylvania State College, 1913-14, and Summer 1914; Instructor in Political Science, University of Colorado, 1914-16; Assistant Professor of Political Science, same, 1916-17; Professor of Political Science, same, 1917-24; also Acting Head of the Department of Economics and Sociology, and Director of the College of Commerce, same, 1920-21; Head of Legislative Reference Bureau, State of Colorado, 1915, 1917; Member of Preliminary Charter Commission, Boulder, Colo., 1917; Member of Governor's Advisory Committee on War Legislation, Colo., 1917; Captain, American Red Cross, France and Luxembourg, 1918-19; Member of Governor's Industrial Relations Committee, Colo., 1922. **Author:** *Privileges and Immunities of Citizens*

of the United States, Columbia University Press, 1913; *Outline of American Government*, 1921; *The Acquisition of Citizenship by the Native American Indians*, Concord, N. H., 1925; "With the Colleges—This Year—Next Year—Sometime," *School and Society*, Aug. 23, 1930; also numerous other articles in various journals. **Member:** American Political Science Association; National Council of Economic League; National Municipal League; American Academy of Political and Social Science; American Legislators' Association; American Society of International Law; International Law Association; National Education Association; Phi Beta Kappa, University of Minnesota; Phi Delta Kappa, same; Pi Gamma Mu; Pi Sigma Alpha. Winner of Bennet Memorial Prize in History, University of Minnesota, 1908; William Toppan Prize in Constitutional Law, Columbia University, 1913. **Biography** in *Who's Who in America*, since 1922-23 ed. **Born** at Delavan, Minn., Nov. 27, 1886; son of John and Sigrid (Nordskog) Lien.

**LIEN, INGYR MARIE**, Teacher's Diploma; Student, Oberlin Conservatory of Music, Oberlin, Ohio, 1918-22; Cleveland Institute of Music, Cleveland, Ohio, and Eastman School of Music, University of Rochester, Summer Sessions. **Instructor in Violin**, Marquette University College of Music, Milwaukee, Wis., 1922-24; **Instructor in Violin and Theory of Music**, Bethel Woman's College, Hopkinsville, Ky., 1924-25; **Head of the Department of Violin and Theory of Music**, Davenport College, Lenoir, N. C., 1925 to date. Listed in *Key's Music Yearbook*, 1926-27. **Born** in Washburn, Wis., 1901; great-grandparents on father's side came from Sondre Aurdal, Valdres, in 1848; great-grandparents on mother's side came from Modum and Drammen.

**LIEN, JOSEPH MELVIN, A.B.** Assistant Professor of Mathematics, Valparaiso University, Valparaiso, Ind., 1920-25. Special Teacher of

Foreigners, Valparaiso University, 1906-13 (or earlier); Special Professor for Foreigners, same, 1913-20; with Valparaiso University to date.

**LILLEHEI, INGEBRIGT, B.A.** (with distinction), University of Minnesota, 1908; M.A., *ibid.*, 1909; Graduate Work, University of Paris, 1910-11; Ph.D., University of Illinois, 1914; Student, University of Chicago, Winter 1915-16, and Summers 1916, 1917. **Professor and Head of the Department of Romance Languages**, Iowa State Teachers College, Cedar Falls, Iowa, 1925 to date. Scholar in Philology, University of Minnesota, 1908-09; Instructor in French, State College of Washington, 1909-10; Assistant in French, University of Illinois, 1911-13; Instructor in French, Northwestern University, 1914-15; Instructor in French and Spanish, State University of Iowa, 1916-18; Professor of Romance Languages, Iowa State Teachers College, Cedar Falls, Iowa, 1918-24; Professor and Acting Head of the Department of Romance Languages, same, 1924-25. **Author:** "On the Forms of the Landsmaal in Norway;" "Some of the Earlier Writings of Garborg," *Scandinavian Studies and Notes*, 1915; "Landsmaal and the Language Movement in Norway;" "The Language and Main ideas in the Writings of Arne Garborg," *Scandinavian Studies and Notes*, 1916. **Member:** Phi Beta Kappa, University of Minnesota; Lambda Alpha Psi, same. **Born** in Tysnes, Søndhordland, 1883; brothers: Prof. L. Lillehei, President of Lutheran Bible School, Wahpeton, N. Dak., 1911-14, Professor, same, 1908-19, and Professor at Augsburg Seminary, Minneapolis, since 1919; Rev. T. Aug. Lillehei, Pastor in Minnesota, Michigan, New York, New Hampshire, and Wisconsin, since 1902; Dr. A. O. Lillehei, Dentist of Minneapolis.

**LILLETHUN, LYDIA**, Graduate, State Normal School, Valley City, N. Dak., 1911; Graduate, Northwestern Conservatory of Music; Student, Berlin, Germany,



1912-14; Pupil of Martin Krause, Stern Conservatory, one year; Joseph Lhevinne, one and one-half years. Head of the Piano Department, Findlay College, Findlay, Ohio, 1917-22. Private Studio, Crawford, Neb., 1914-17.

**LINDEM, CHRISTIAN JACOB**, Graduate, Stout Institute; Graduate, Art Institute, Chicago. Professor of Mechanical and Free-hand Drawing and Head of the Department of Art, Northern State Teachers College, Aberdeen, S. Dak., 1922-23. Teacher in High Schools, Superior, Wis., 1908-09; Professor of Mechanical and Free-hand Drawing, Northern Normal and Industrial School, Aberdeen, S. Dak., 1910-14; Teacher of Freehand and Architectural Drafting, Central High School, Minneapolis, Minn., 1914-19; engaged in the practice of architecture (designing mainly school buildings, also banks and commercial buildings), Aberdeen, S. Dak., 1919-23; designed group of 100 homes for Ford Motor Company, and various industrial buildings, Iron Mountain, Mich., 1923-26; Designer of Advertising Art for the Lloyd Manufacturing Company, Marinette, Wis., 1926 to date. Born at Marinette, Wis., Oct. 3, 1883; father, building contractor and factory owner of Marinette, Wis., came from Sandsvår in 1870; uncle of Olaf Christian Christiansen (q. v.).

**LOFTFIELD, GABRIEL E.**, B.S., Valparaiso University, 1893; Hon. M.S., *ibid.*, 1902; A.B., University of Washington, 1918; A.M., *ibid.*, 1921; Ph.D., *ibid.*, 1928. Head of the Department of Modern Languages, Walla Walla College, College Place, Wash., 1919-21. Teacher of History and Civics, Minneapolis Normal College, 1893-96; President, Minnesota Normal School and Business College, 1896-1902; Head of the Department of German and Spanish, Washington (D. C.) Foreign Missionary Seminary (now Washington Missionary College), 1908-11; Supt. of Schools, Quilcene, Wash., 1918-19; Head of the Department of Modern Languages,

Anaconda (Mont.) High School, 1921-23; Research work in the secondary schools of Norway, Copenhagen, and Stockholm, 1924-26; Head of the Department of Political Science and Philosophy, Mount Vernon (Wash.) Junior College, 1926 to date; time not specified above taken up with teaching languages privately, or in study or foreign travel. Author: *Secondary Education in Norway: A Comparative Study*, thesis for Ph.D., issued as Bulletin 1930, No. 17, U. S. Office of Education, Washington, D. C., 1930; "The Direct Principle in the Teaching of Modern Languages," *Scandinavian Scientific Review*, Vol. III, Nos. 3 and 4, 1925 (96 pages, reprint published privately); "Norway's Contribution to Cultural Elements in Education," *Education*, May 1925; "Teachers in Norway as Members of School Boards," *School and Society*, Vol. XXI, pp. 439-442, April 11, 1925; "Sammensluttede Landsfolkeskoler" (Consolidated Rural Schools), *Skole og Samfund* (Oslo), Vol. VII, No. 1, 1926; "Organization of Students and Alumni of Oslo University," *School and Society*, Oct. 4, 1930. Editor (with M. L. Tuve), *Deklamatoren*, en samling deklamationsstykker i poesi og prosa av äldre og nye forfattere til brug i ungdomsföreningar, avholdsforeninger, o. s. v., Ungdommens Ven Publishing Company, Minneapolis, 1895. Series of addresses on "Methods in Teaching Modern Languages," delivered before the Spanish Teachers' Club, University of Washington, Summer Quarter 1921; address on "Outstanding Factors in Norway's Educational System," given before the Phi Delta Kappa, Nu Chapter, University of Washington, Aug. 1926; paper on "Modern Language Instruction in Norway," presented to the Washington State Branch, National Federation of Modern Language Teachers, Bellingham, Wash., Oct. 26, 1928; address on "Some Side-Lights on Important Educational Problems," given before the Mount Vernon Rotary Club, Nov. 6, 1928; Lecture on "The Influence of Greek Philosophy and Religion on Greek Life," delivered before the Delphian Club

of Mount Vernon, April 24, 1929. **Member:** Phi Delta Kappa, Nu Chapter, University of Washington; Service Key 1927. **Biography** in *History of the Great Northwest and its Men of Progress*, Minneapolis Journal Company, 1901; *Minneapolis Tidende*, Jan. 29, 1931. **Born** in Mo, Ranen, Helgeland, March 29, 1866; ancestors traceable back to the early kings of Norway, or about the 9th or 8th century.

**LOKKE, CARL L., A.B.,** University of California, 1921; A.M., *ibid.*, 1922. **Instructor** in History, Columbia University, New York, N. Y., for several years about 1928. **Author:** "The Leclerc Instructions," *Journal of Negro History*, Vol. X, pp. 80-98. **Born** in the United States; father came from Oslo; mother's father came from southern, her mother from northern, Norway.

**LOKKEN, ELLA, Mus.B.,** University of South Dakota, 1911; Graduate Work, *ibid.*, 1912. **Instructor** in Pianoforte, University of South Dakota, Vermillion, S. Dak., 1912 to date. Listed in *Musical Blue Book of America*, 1921-22. **Born** in S. Dak.; father was born in the vicinity of Oslo.

**LOMMEN, CHRISTIAN PETER, B.S.,** University of Minnesota, 1891; Graduate Work, University of Berlin, 1896-97; Marine Biological Laboratory, Woods Hole, Mass., six Summers. **Dean** of the School of Medicine and Professor of Histology and Embryology in same, University of South Dakota, Vermillion, S. Dak., 1907-26. **Professor** of Biology, College of Arts and Sciences, University of South Dakota, 1891-1926. **Organizer** of the School of Medicine, 1907. **Author:** Various pamphlets on general and medical education; zoological stories for children, in Roelvaag and Eike-land's *Norsk Læsebog*; contributor to scientific journals. **Member:** American Association of University Professors; Phi Beta Kappa; Phi Kappa Psi; Phi Chi. **Biography** in *American Men of Science*, 1906; *School Calendar*, 1924; *Who's Who*

in *American Medicine*, 1925; *Who's Who in America*, 1928-29 and many previous editions. **Born** at Spring Grove, Minn., Jan. 30, 1865; died July 15, 1926; parents came from Slidre, Valdres, in 1850, settled at Spring Grove, Minn., in 1852; brother of Prof. Ingeborg Lommen (q. v.); uncle of Prof. Georgina Lommen (q. v.); sons: Dr. Peter A. Lommen, Physician at Austin, Minn.; Dr. Ralph G. Lommen, Physician at Manton, Mich.; Frederick W. Lommen, Research Chemist; Harold H. Lommen, Practising Attorney.

**LOMMEN, GEORGINA, B.A.,** University of Minnesota, 1918; M.A., Columbia University, 1921. **Director** of Training School, State Teachers College, Moorhead, Minn., 1924 to date. **Teacher** in the Public Schools of Minnesota; County Supt. of Schools, Houston County, Minn., 1904-13; **Teacher** of Education, State Normal School, Winona, Minn., 1913-14; **Director** of Rural School Normal Training Department, University of Minnesota, 1914-20; **Assistant Professor** of Education, University of Minnesota, 1921-24. **Author:** "The Teachers Institute as an In-Service Training Agency," *Journal of Rural Education*, Oct. 1921, republished in Bellow's *Encyclopedia of Rural Life*, 1926, and quoted extensively in Burton and Barr's *Supervision of Instruction*, Appleton Company, New York, 1926; "The Present Concept of Method," *American Journal of Nursing*, Oct. 1925; "Children's Books in the Home," *American Journal of Home Economics*, Aug. 1926; "An Attempt to Improve Appreciation Technique," *Journal of Educational Method*, Nov. 1926; "Education for Desirable Attitudes in Conduct in the Elementary Schools," *ibid.*, 1927. **Editor:** *The Enrichment of the Elementary Curriculum* (college bulletin), Oct. 1925; *Educating for Desirable Attitudes in Conduct in the Elementary School* (college bulletin), July 1926. **Member:** Phi Beta Kappa; Kappa Delta Pi; P. E. O. **Member** of Women's Auxiliary Committee, Norse-American Centennial, Minneapolis, 1925. **Chosen delegate**



to World Federation of Education Association, Geneva, July 1929. **Born** at Caledonia, Minn.; paternal grandfather came from Slidre, Valdres, in 1850, settling at Spring Grove, Minn., in 1852; maternal grandparents came from Hallingdal; father was the first white child born in Houston County, Minn. (with the exception of a child living 22 days), and apparently the first child born of Norwegian parents in the State of Minnesota (born at Spring Grove, Minn., Dec. 12, 1852); niece of Prof. Ingeborg Lommen (q. v.), and of Dean C. P. Lommen (q. v.).

**LOMMEN, INGEBORG GEORGINE**, B.L., University of Minnesota, 1898; M.L., *ibid.*, 1900; Additional Graduate Work, Universities of Heidelberg and Berlin; University of Munich, Summer 1929. Assistant Professor of Modern Languages, Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa, 1924 to date. Instructor in Modern Languages, same, 1907-24. **Member:** American Association of University Women; American Association of University Professors. **Born** at Spring Grove, Minn.; sister of Dean C. P. Lommen (q. v.); aunt of Prof. Georgina Lommen (q. v.).

**LONDAHL, FRIDTHJOF W.**, Lieutenant, U. S. Navy. Instructor in the Department of Ordnance and Gunnery, U. S. Naval Academy, Annapolis, Md., 1925-27. **Born** in Minnesota; parents came from Bergen.

**LUKKEN, ALBERT**, B.S., Fremont College, 1911; Mus.B., American Conservatory, Chicago, 1916; Pupil of Karleton Hackett, Fredrick W. Root, Charles W. Clark, Theodore Harrison, David Bispham, Franz Prochowsky, Percy R. Stevens, Arthur Olaf Andersen, Leo Sowerby, and William Boeppler; Student, Aborn Opera School, New York. **Dean of the School of Fine Arts and Professor of Voice and Theory, University of Tulsa, Tulsa, Okla., 1922 to date.** Head of the Voice Department, University of

South Dakota, 1913-15; Director of the Department of Music, University of Wyoming, 1915-17; In War Service, 1917-18; Professor and Head of the Voice Department, University of Oregon, 1919-20; Head of the Voice Department, American School of Opera, Chicago, 1920-22. Listed in *The Musical Blue Book of America*, 1917-22 eds.; *Grove's Dictionary of Music and Musicians*, Vol. 6, New York, 1920. **Born** in the United States; father came from Gudbrandsdalen; mother's parents from Sogn; brother of Prof. John Lukken (q. v.).

**LUKKEN, JOHN**, B.S. in Edn., Fremont College; Mus.B., American Conservatory, Chicago; Mus.M., *ibid.*; Pupil of David Bispham, Karleton Hackett, Theodore Harrison, and Vocal Masters of Italy and France. Associate Professor of Voice and Theory and Head of the Department of Music, University of New Mexico, Albuquerque, N. Mex., 1919-26. Acting Director of the Department of Music, University of Wyoming, 1917-18; Research Work in European and American universities, 1926-27; Professor of Music, Long Beach (Calif.) Junior College 1927—. Concert Singer. **Author** of works on Voice, and The Need of Music (in preparation). Listed in *Key's Music Yearbook*, 1926-27. **Born** in Lincoln County, S. Dak.; brother of Prof. Albert Lukken (q. v.).

**LUND, BIRGIT**, Pupil of European and American teachers; Student, Syracuse University. **Director of Voice Department, Lenoir-Rhyne College, Hickory, N. C., 1920-24.** Teacher of Voice, Chicora College, Columbia, S. C., 1917-18; Private Voice Studio, New York City, 1926 to date. Well-known Soprano, appearing in concerts and singing over the radio. State Chairman, North Carolina Women's Auxiliary, Norse-American Centennial, Minneapolis, 1925. Biography in *The Musical Blue Book of America*, 1917-18. **Born** in Oslo; father, the late Lieutenant-Colonel Henrik Lund, a relative of Ole Bull, was for many years Director of "Har-

monien," musical society of Bergen; mother was the late pianist, composer, and teacher, Birgit Lund; family were close friends of Edward and Nina Grieg, and were for many years the center of the musical activity of Bergen; cousin of Charlotte Lund, well-known concert and opera soprano, having appeared in concerts in Paris, London, Rome, Naples, Oslo, and Bergen, 1908-12, later in the United States, being on the lecture staff of Columbia University and the Brooklyn Institute of Arts and Sciences, founder and president of the Charlotte Lund Opera Club, decorated by the French Government (see *International Who's Who in Music*, New York, 1918; *Who's Who Among North American Authors*, 1927-28, 1929-30); sister of Prof. Unni Lund (q. v.).

**LUND, UNNI**, Pupil of Nina Grieg. Professor of Vocal Music, Syracuse University, Syracuse, N. Y., 1893-1901. Formerly appeared in musicals in London; singer and private teacher in New York. "She was a splendid soprano and a wonderful teacher, greatly loved by the faculty and students of Syracuse University. Her early demise was a great loss to the musical world." *Biography in Syracuse University Alumni Record*; Ulvestad's *Nordmændene i Amerika*, vol. 1, p. 457, written by Carl G. O. Hansen, editor of *Minneapolis Tidende*. Born in Oslo, July 20, 1866; came to the United States at the age of 20; died at Syracuse, N. Y., 1901; sister of Birgit Lund (q. v.); sister of Mme. Signe Lund, composer and pianist, winner of the \$500.00 prize offered by the National Arts Club, New York, for the best musical setting to Daniel Henderson's "The Road to France," 1917; sometime Director of Music, State Normal School, Mayville, N. Dak.; composer of some 200 pieces, many of which have been published in Oslo, Berlin, and New York; has given about 250 lecture recitals in the United States, London, Copenhagen, Paris, Vienna, and elsewhere (see *Dictionary of Music and Musicians*, London and

New York, 1924; *Das Neue Musik Lexikon*, Berlin, 1926; *Noted Names in Music*, Boston, 1927).

**LUNDBERG, MARIE GUSTAVA**, B.S. Professor of Home Economics, Connecticut Agricultural College, Storrs, Conn., 1926 to date. Supervisor of Teaching of Household Economics in Social Settlements, Simmons College, Boston, 1911-16; Assistant Professor of Home Economics, Western Reserve University, 3 years; Associate Professor of Home Economics, State Teachers College, Greeley, Colo., one year and one Summer Quarter; Member of Faculty of Massachusetts Agricultural College; Assistant Professor of Home Economics, Connecticut Agricultural College, 1922-26; in charge of the Foods Department, same, 1922 to date. Born in Oslo, Norway; father was born in Sweden and came to Oslo as a young man; mother born in Oslo.

**LUNDE, OTTO H.**, B.S. in M.E. (Aeronautics), New York University, 1925. Instructor in Aeronautical Engineering, Daniel Guggenheim School of Aeronautics, New York University, New York, N. Y., 1925-28; Instructor, Evening Engineering Division, New York University, 1926-29; Aeronautical Engineer, Fairchild Aeroplane Manufacturing Corporation, Farmingdale, Long Island, N. Y.; Ensign, U. S. Naval Reserve (Naval Aviator). Author, "The Handley-Page Automatic Slot," *Aviation*, Feb. 27, 1928. Aviation Lectures, Coastal Airways, Inc., Nov.-Dec., 1928. Member: American Society of Automotive Engineers; Delta Chi fraternity, New York University chapter; Scabbard and Blade (national military fraternity). Awarded New York State Scholarship, 1921-25; Perry McDonough Collins Scholarship, New York University, 1921-25; David Orr Mechanical Engineering Prize, 1925. Born in Brooklyn, N. Y., Feb. 6, 1904; father, Eilert Lunde, came from Omoe (?); mother, Karen (Eek) L., from Oslo.



**LUNDE, SIGRID**, see Sigrid Lundé Souther.

**LUNDEBERG, OLAV K.**, B.S., St. Olaf College, 1916; Certificat, Université de Montpellier, France, 1919; A.M., University of Minnesota, 1923; Ph.D., *ibid.*, 1928. **Associate in Romance Languages**, University of Illinois, Urbana, Ill., 1929—. Teacher of English and Latin, Albion (Wis.) Academy, 1916-17; Teacher of History and Music, Park Region Luther College, Fergus Falls, Minn., 1917-18; with the American Expeditionary Forces, France, 1918-19; Director of Regimental Post School, 313th Sanitary Train, A. E. F., 1918-19; Instructor in Romance Languages, University of Michigan, 1919-20; Instructor in Romance Languages, University of Minnesota, 1920-25; Associate Professor of Spanish, Wittenberg College, 1925-27; Instructor in Romance Languages, University of Illinois, 1927-29. **Author:** *Illinois Audition-Pronunciation Test in French*, Urbana, Ill., 1929; also many articles in *Modern Language Notes*, *Scandinavian Studies and Notes*, *Philological Quarterly*, *Romanic Review*, *Books Abroad*, and *The Modern Language Journal*. **Member:** American Association of Teachers of Spanish; Sigma Delta Pi; Lambda Alpha Psi. **Biography in** *School Calendar*, 1924. **Born** at Kenyon, Minn., Jan. 6, 1894; father, Rev. K. O. Lundeborg, pastor, teacher, author, and editor in the Lutheran Church of America since 1889, was born at Kviteseid, Øvre Telemarken; father-in-law, Dr. Julius Boraas, has been Professor of Education at St. Olaf College since 1910 (see *Who's Who in America*).

**LUNDY, GABRIEL**, B.S.A., North Dakota Agricultural College, 1914; M.S. in Agricultural Economics, University of Wisconsin, 1917. **Assistant Professor of Agricultural Economics**, South Dakota State College of Agriculture and Mechanic Arts, Brookings, S. Dak., 1926 to date. **Assistant Instructor in Agriculture**, State Normal School, Spearfish, S. Dak., 1914-15; **Scholar**,

University of Wisconsin, 1916-17; in United States Army, France, World War; **Assistant Cashier**, later **Cashier and Director**, Security State Bank, Warwick, N. Dak. **Author:** *The Use of the Combine in South Dakota* (progress report), Bulletin 244, South Dakota State College, Sept. 1929; *The Header Stack-Barge for Harvesting*, Special Extension Circular No. 7, Jan. 1930; *Farm Land Mortgage Loans in Brookings County, South Dakota*, bulletin, June 1930. **Member:** American Farm Economics Association; Alpha Zeta, Phi Kappa Phi; Life member, Nordmandsforbundet. **Biography in** *Rus*, 1930. **Born** at Parker, S. Dak., Dec. 22, 1886; lived in Vestbygden, Sör Aurdal, Valdres, 1891-95; father, Nils Mikkelsen Lundeeie (son of Mikkell Olsen Hölersäterhaugen and Olea Olsdatter), came from Bagn, Sör Aurdal, Valdres; mother, Gunhild (Syversdatter Hellandshölen, daughter of Syver Mikkelsen Hellandshölen and Ingeborg Stenersdatter Lunde, Torpen), also came from Bagn, Valdres; mother's uncle, Ole M. Helland (who came from Valdres in 1859), was at one time a Teacher at Black Earth, Wis., later County Treasurer and Postmaster at Mt. Horeb, Wis., and his sons, Dr. Gustav M. and Dr. John W. Helland, are Practising Physicians at Spring Grove, Minn.

**LUVAAS, MORTEN J.**, B.Mus., St. Olaf College, 1919; Student, University of Idaho; Oberlin College Conservatory of Music; Pupil of masters in Leipzig, Germany. **Professor of Music, Allegheny College, Meadville, Pa.**, 1930—. **Director of Music and Teacher of Theory and Piano**, Spokane (Wash.) College, 1919-20; **Teacher of Music**, St. Olaf College, 1920-21. **Formerly of** Moscow, Ida.

**LYDERS, OSCAR, A.B.**, St. Olaf College, 1916; Student, Midland Institute of Music, Birmingham, England, 1919; Northwestern University, 2 Summers; Haywood Institute of Universal Song, New York, 1 Summer; MacPhail School of Music, Minneapolis, 1 Summer. **Director of the School of Fine Arts**

and Instructor in Voice, Midland College, Fremont, Neb., 1928—. Teacher of Music. Waldorf College, Forest City, Iowa, 1916-28. Member of St. Olaf Choir, European Tour, 1913; Member of St. Olaf Sextette, Tour of Wisconsin, Iowa, and Minnesota, 1915; Member of St. Olaf Trio, Tour of South Dakota, Minnesota, and Iowa, 1916. *Biography in School Calendar*, 1924. Born at Ellsworth, Iowa, Jan. 2, 1892.

**LYKKEN, LOUIS**, B.S., South Dakota State School of Mines, 1927. Instructor in Chemistry, Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa, 1928—. Assistant in Chemistry, Iowa State College, 1927-28. Author: "Extraction of Aluminum from South Dakota Cretaceous Shales." Member: Sigma Tau (hon. eng. frat.), Tau chapter; President, Tau chapter, 1926-27. Valedictorian, Beresford (S. Dak.) High School; awarded a four-year scholarship by the State of South Dakota. Born at Beresford, S. Dak., Oct. 18, 1905; father, Lars Lykken, came from Byeneset, Trondheim; mother (nee Overgaard) from Stoksund, Björnör; second cousin of Hon. Peter Norbeck, U. S. Senator from South Dakota since 1921; relative of Anders Lykken and Andreas Lykken, schoolmasters at Hitra i Tasen, Norway.

**MAGELSSSEN, SOLVEIG M.**, see Solveig M. Magelssen Soper.

**MAGISTAD, OSCAR CONRAD**, B.S., University of Wisconsin, 1922; M.S., *ibid.*, 1923; Ph.D., *ibid.*, 1924. Associate Professor of Agricultural Chemistry and Soils, University of Arizona, Tucson, Ariz., 1927 to date. Soil Chemist, United Fruit Company, stationed at Tela, Honduras, Central America, 1924-27. Author: *Fertilizer Experiments: Methods of Application and Effect on germination, early growth, hardiness, root growth, lodging, maturity, quality, and yield* (with others), University of Wisconsin Agricultural Experiment Station Bulletin 65, 1925; "The Aluminum Content of the Soil Solution and its Relation to Soil Reaction and Plant

Growth," *Soil Science*, Vol. 20, pp. 181-227, 1925; "The Influence of Fertilizers in Protecting Corn against Freezing," *Journal of American Society of Agronomy*, Vol. 17, pp. 517-526, 1925; several other articles published in scientific journals, 1928. Lecture delivered before the Western Branch of International Society of Soil Science, June 1928. Member: American Chemical Society; American Society of Agronomy; American Association for the Advancement of Science; International Society of Soil Science; Chairman, Arizona Section, American Chemical Society. Sophomore and Senior honors, University of Wisconsin; awarded Legislative Scholarship, University of Wisconsin; National Fertilizer Association Fellowship, same, 1922-24. *Biography in American Men of Science*, 1927. Born at Forestville, Wis., Sept. 8, 1900; father, Gilbert Magistad, was born in Vestre Slidre, Valdres; mother, Ida Mary (Hövi) M., was born in Clay Banks, Door County, Wis., her parents having come from Östre Slidre, Valdres.

**MALAND, CARL O.**, B.A., University of Minnesota, 1904; M.D., University of Minnesota, 1907. Assistant Professor of Obstetrics and Gynecology, University of Minnesota, Minneapolis, Minn., 1924(?) to date. Formerly Instructor, same. Physician, Minneapolis.

**MALAND, JAMES WILHELM**, D.D.S., University of Minnesota, 1910. Instructor in Crown and Bridge Work, University of Minnesota College of Dentistry, Minneapolis, Minn., 1911-13. Practising Dentist, Minneapolis.

**MALVIN, GUNNAR J.**, B.A. (summa cum laude), Luther College, 1923; B.Mus., St. Olaf College, 1925; Graduate Work, Northwestern University, 1927-28. Instructor in Public School Music Methods and Director of Men's Glee Club, Drake University, Des Moines, Iowa, 1928—. American-Scandinavian Foundation Fellow to investigate archive material in Norway, Sweden, and Denmark for the



Department of Historical Research, Carnegie Institution of Washington, 1923-24; Teacher, Story City (Iowa) High School, 1925-26; Director of Music, High School, Ironwood, Mich., 1926-27. **Author:** *Songs and Hymns for Children's Voices*, Augsburg Publishing House, Minneapolis, 1928; *Guide-Book to Archive Material in the Scandinavian Countries*, Carnegie Institution of Washington; *Americana in the Forties: Letters of Munch-Räder*, Norwegian-American Historical Association; *Jubilate Anthems* (in preparation); *Sunday School Hymnal* (in preparation); "Litt norsk-amerikansk kirkehistorie fra de norske arkiver," *Lutheraneren*, Jan. 16, 1924; "Amerika-breve," *Nordmandsforbundet*, Feb. 1924; series of twenty articles on "Norsk Landnam i U. S.," *Decorah-Posten*, Nov. 14, 1924-March 27, 1925; "Letters from the Sloop Folk," *American-Scandinavian Review*, June 1925; "A Mission Journey among the Norwegians in America, 1849-1852," *Lutheran Church Herald*, Sept. 22, 1925; "Paa jagt i de norske arkiver," *Familjens Magazin* (Minneapolis), Oct. 1925; "Bishop Jacob Neumann's Word of Admonition to the Peasants," *Studies and Records*, Publication of the Norwegian-American Historical Association, Vol. 1, 1926; "The Disillusionment of an Immigrant," *ibid.*, Vol. III, 1928; "Some Present-Day Tendencies in English Church Music," *Theologisk Tidskrift* (Minneapolis), April 1928. Talk on Studies in the Scandinavian Archives given before the Symra Society, Decorah, Iowa, Feb. 1925. **Member:** Music Supervisors National Conference; Norwegian-American Historical Association. Formerly member, Luther College Band, St. Olaf Choir, and Northwestern A Capella Choir. **Biography** in *Who's Who in Des Moines*, 1929. **Born** at Thompson, Iowa, April 9, 1903; father, Dr. Rasmus Malvin, Pastor at Thompson, Iowa, 1895-1917, Professor of Norwegian, Luther College, 1917-18, Guest Professor of Hebrew, Augustana Theological Seminary, Rock Island, Ill., 1926-27, Substitute Professor of Hebrew, Luther Theological Seminary, St. Paul, Minn., 1928-29,

and editor of various church publications, including *Who's Who Among Pastors*, 1928, was born at Haugesund; mother, Gabriella (Aas) M., also from Haugesund; nephew of Gunvald Aus, Chief Engineer, U. S. Treasury Department, Washington, D. C., 1894-1900, designer (with Kort Berle from Oslo) of the foundation and steel skeleton of the Woolworth Building, New York, and numerous public buildings throughout the United States (see *Men of America*, New York, 1908, and Kort Berle in *Who's Who in Engineering*, New York, 1925); sister, Dr. Marie H. Malvin (Ph.D., University of Minnesota, 1929), has taught English at St. Olaf College since 1923; brother, Rev. Olaf G. Malvin, of Rapid City, S. Dak., taught English, History, and Political Science at Luther Academy, Albert Lea, Minn., 1921-24.

**MARKUSON, MINER JOHN**, B.S. in Arch., University of Minnesota, 1923. **Assistant Professor of Agricultural Engineering**, Massachusetts Agricultural College, Amherst, Mass., 1925 to date. **Assistant Agricultural Engineer**, Agricultural Extension Division, Virginia Polytechnic Institute, 1923-24; **Assistant Professor of Agricultural Engineering**, Virginia Polytechnic Institute, 1924-25. **Practising Architect**. **Author:** *Essentials of Modern Dairy Barn Design*, bulletin; *Agricultural Surveying* (text-book), in preparation. One of the few graduate architects to enter the comparatively new field of Rural Architecture, the purpose of which is to provide more beautiful, economical and practicable farm buildings with a view to beautifying our country sides. **Born** at Faribault, Minn., April 13, 1896; father came from the vicinity of Oslo; mother from Westmoreland, Sweden.

**MARTENS, CHRISTIAN FREDERIC**, Pupil of Thorvald Lammers, Oslo; L. Gaston Gottschalk and Herman de Vries, Chicago. **Director of the Vocal Department**, Indianapolis Conservatory of Music, Indianapolis, Ind., 5 years; **Member of Faculty of Col-**

lege of Musical Art, Indianapolis, Ind., 1907-17 or longer. Concert baritone; toured western United States, 1892-93; Soloist at Columbian Exposition, Chicago, 1893; Soloist, Norwegian Festival, Trocadero, Paris. Vice-President, Indianapolis Musicians Club. **Biography** in *The Musical Blue Book of America*, 1915-16, 1916-17; *International Who's Who in Music*, New York, 1918. **Born** in Oslo, May 30, 1864.

**MARTINSON, MELVIN ARTHUR**, Artist Diploma, American Violin School of Chicago, 1910; Teacher's Certificate; Pupil of Joseph Vilim, Edna Earl Crum, and Harry Diamond. **Instructor in Violin**, Cosmopolitan School of Music, Chicago, Ill., now and for many years. Formerly Teacher of Violin, Calumet Conservatory of Music and Dramatic Art, Chicago; also Vice-President, same, 17 years. Member of First Violin Section, Chicago Symphony Orchestra, 1915 to date. "A distinguished concert violinist and a teacher of brilliant achievements." **Biography** in *The Musical Blue Book of America*, 1921-22; *Who's Who in Chicago*, 1926. **Born** at Plano, Ill., 1889; father came from Kongsvinger; mother from Bårum, Akershus fylke.

**MEHUS, BELLE**, Diploma in Piano and Theory, Dakota Conservatory of Music, Fargo, N. Dak., 1916; Graduate, American Conservatory, Chicago, 1920; Pupil of Arthur Olaf Andersen, J. J. Hattstadt, Louise Robyn, Henriot Levy, Kiesselbach, and Joseph Lhevinne, Chicago; Aus der Ohe, Germany, 1929. **Instructor in Piano and Harmony and Head of the Children's Department**, Illinois Woman's College, Jacksonville, Ill., 1920-22; Head of the Department of Piano and Theory, Augsburg College, Minneapolis, Minn., 1922-27; Teacher of Piano and Harmony, MacPhail School of Music, Minneapolis; now Teacher of Piano, Bismarck, N. Dak. Concert Tours, Summers 1920-23; Acting Head of Piano Department, State Teachers

College, Valley City, N. Dak., Summer 1926; Study and Travel in Germany, France, Holland, Denmark, Norway, and England, Summer 1929. For 10 years the sole teacher of Alma Mehus, noted concert pianist. **Member**: Sigma Alpha Iota (national musical sorority); Pro Musica, Minneapolis Chapter; Thursday Musicale; Twin City Music Club; Twin City Dramatic Club. Listed in *The Musical Blue Book of America*, 1921-22; *School Calendar*, 1924. **Born** at Brinsmade, N. Dak.; father, M. K. Mehus, pioneer farmer at Brinsmade, and sometime County Commissioner, came from Hol, Hallingdal, in 1882; mother, also from Hallingdal; second cousin, Prof. Edwin Brye, has been a member of the faculty of Education at St. Olaf College since 1922; cousin, Bertha Gilbertson, is a Piano Teacher in Minot, N. Dak.; sister, Hilda Mehus, has for a number of years been Director of Dramatics at the Pillsbury Settlement House, Minneapolis; another sister, Alma Mehus, is a well-known concert pianist, winner of a scholarship at the Juilliard Institute of Muscial Art, Philadelphia, 1927, and has filled concert engagements in more than 20 American States and in many European cities, being the youngest American artist to have been soloist with the Berlin (Germany) Philharmonic Orchestra; sister of Prof. O. Myking Mehus (q. v.).

**MEHUS, O. MYKING**, A.B., Augsburg College, Minneapolis, Minn., 1916; A.M., University of North Dakota, 1920; Ph.D., University of North Dakota, 1931. **Professor of Sociology and Teacher Training**, Missouri State Teachers College, Maryville, Mo., 1928—, Principal of High School, Fessenden, N. Dak., 1916-17; Supt. of Schools, Fessenden, N. Dak., 1917-18; in U. S. Army, 1918-19; Scholar, University of North Dakota, 1919-20; Supt. of Schools, Spring Grove, Minn., 1920-21; Head of the Department of Social Science, State Teachers College, Mayville, N. Dak., 1921-24;



Teaching Fellow in Sociology, University of Minnesota, 1924-25; Instructor in Sociology, same, 1925-26; Assistant Professor of Education, Wittenberg College, 1926-27; Acting Head of the Department of Education, same, 1927-28.

**Author:** *Extra Curricular Activities at the University of Minnesota*, University of Minnesota Press, 1929; "The Social Center," *North Dakota Standard*, Sept. 16, 1917; "Teachers' Salaries," *ibid.*, April 15, 1919; "The Purpose of Education," *ibid.*, Aug. 1, 1919; "The Spirit of Lowell," *ibid.*, Dec. 15, 1920; "Parent-Teacher Associations," University of North Dakota School of Education *Record*, March 1921; "Better Movies," *ibid.*, Oct. 1921; "Moral Training in Our Public Schools," *National School Digest* (New York), March 1921; "Abraham Lincoln, The Christian," *School News*, Feb. 1922; "The Open Mind," *Journal of Education* (Boston), April 20, 1922; "Character Building in Our Public Schools," *ibid.*, Oct. 26, 1922; "Aids in Citizenship Training," *ibid.*, Feb. 11, 1929; "Health Education in Our Rural Schools," *The Ohio Teacher*, Nov. 1922; "Extra-Curricular Activities," *Journal of Educational Sociology*, May 1928; also numerous other articles in various journals; "Extra Curricular Activities," paper presented to American Sociological Society, Washington, D. C., Dec. 1927. Address on "The Teacher and World Peace" given at Convocation, State Teachers College, Maryville, Mo., April 10, 1929. **Member:** American Sociological Society; National Education Association; Missouri Education Association; Missouri Conference for Social Work. Biography in *U. N. D. Alumni Magazine*, March, 1929. Born at Brinsmade, N. Dak., May 15, 1894; brother of Belle Mehus (q. v.).

**MELBY, ELIZABETH, A.B.**, University of Wisconsin, 1908; R.N., State of Maryland, 1918; A.M., Teachers College, Columbia University, 1922. Assistant Professor of Nursing, Yale University, New Haven, Conn., 1927 to date. Teacher of American History,

High School, Menomonie, Wis., 1910-14; Instructor, Army School of Nursing, Camp Grant, Ill., 1918; Director, Army School of Nursing, Army Medical Center, Washington, D. C., 1919-27; also Chief Nurse, First Lieutenant, Army Nurse Corps, U. S. Army, 1919-27; First Assistant Superintendent of Nurses, New Haven (Conn.) General Hospital, 1927 to date. **Author:** various Catalogs and Bulletins related to Schools of Nursing; "The Army School of Nursing," *Modern Hospital Magazine*; "The Central School of Nursing in Washington, D. C.," *American Journal of Nursing*; "Nursing Education in the District of Columbia," paper read before the National League of Nursing Education, Detroit, Mich., 1924; "Organization of Government Nursing Service," paper presented at International Congress of Nursing, Helsingfors, Finland, 1925; "Correlation of Theory and Practice in Schools of Nursing," paper given at the University Relationships Meeting, New York City, 1927. **Member:** American Nurses Association; Connecticut Graduate Nurse Association; National League of Nursing Education (on Membership Committee, 1926 to date); Secretary and Treasurer, League of Nursing Education, District of Columbia, 1922-23; President, same, 1923-24; Secretary, Graduate Nurses Association of the District of Columbia, 1924-27. Member of Board of Nurse Examiners, District of Columbia, 1922-27; President of the Board, and Inspector of Schools of Nursing, 1924-27. Honors in History, University of Wisconsin, 1908; granted Special Certificate in Psychiatric Nursing, Phipps Clinic, Baltimore, Md., 1918; first nurse of the Army Nurse Corps to be assigned to post-graduate work, 1922-23; Special Certificate for Instruction and Supervision in Schools of Nursing granted by Teachers College, Columbia University, 1923. Biography in *Who's Who in the Nation's Capital*, 1926-27; *Congressional Directory*, 1924-27; *Yale University Directory*, 1927—; *Outstanding Women*, 1928-29; *Who's Who in the East*,

1930. **Born** at Whitehall, Wis., Oct. 27, 1883; parents, Olaf S. and Johanna (Nelson) M., came from Oslo; sister, Mrs. H. T. Anderson, was formerly Teacher in the Superior (Wis.) High School; sister, Mrs. B. Isbill, was formerly a member of the Army Nurse Corps; brother, Dr. Benedik Melby, is a Physician of Blooming Prairie, Minn.; cousins: Mary Nelson, Instructor in English and Public Speaking, La Crosse, Wis.; Nellie Nelson, actress; Prof. Oran M. Nelson (q. v.).

**MELGAARD, AGNES**, Student, Minneapolis School of Art; Chicago School of Applied and Normal Art; New York School of Fine and Applied Art; B.S. in Fine Arts, Teachers College, Columbia University, 1929. **Assistant Professor of Art, College of William and Mary, Williamsburg, Va., 1929—**. Formerly Supervisor of Art, Globe, Ariz.; Instructor in Fine Arts, University of Southern California, 1923-26. Artist; has done much work in the field of design; represented at various exhibitions and awarded honors in painting.

**MELHUS, IRVING E.**, B.S., Iowa State College, 1906; Ph.D., University of Wisconsin, 1912. **Professor of Plant Pathology, Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa, 1917 to date.** Teacher of Natural Science, High School, Burlington, Iowa, 1907-08; Assistant in Botany, University of Wisconsin, 1908-09; Assistant in Plant Pathology, same, 1909-10; Instructor, same, 1910-11; Plant Pathologist, Bureau of Plant Industry, U. S. Department of Agriculture, 1911-15; Associate Professor of Plant Pathology, Iowa State College of Agriculture and Mechanic Arts, 1916; also Collaborator, U. S. Department of Agriculture; Plant Pathologist, Iowa Agricultural Experiment Station, 1917 to date. **Author:** "Experiments on Spore Germination and Infection in Certain Species of Comycetes," Wisconsin Agricultural Experiment Station *Research Bulletin* 15, pp. 25-91, 1911;

"Germination and Infection with the Fungus of the Late Blight of Potato," Wis. Agr. Exp. Sta. Res. Bull. 37, 1915; "Culturing of Parasitic Fungi on the Living Host," *Phytopathology*, Vol. 2, pp. 197-203, 1912; "Septoria Pisi in Relation to Pea Blight," *ibid.*, Vol. 3, 1913; "A Species of Rhizophidium Parasitic on the Oospores of Various Peronosporaceae," *ibid.*, Vol. 4, 1914; "A Rhoma Rot in Irish Potatoes" (abstract), *ibid.*, Vol. 4, 1914; "Measuring Water Flow Interference in Certain Gall and Vascular Diseases" (with others), *ibid.*, Vol. 14, Dec. 1924; "Further Studies on Potato Seed Treatment" (with J. C. Gilman), *ibid.*, Vol. 13, No. 8, Aug. 1923; "Sclerospora on Corn in America" (with Frank Van Halturn), *ibid.*, Vol. 15, No. 11, Nov. 1925; "The Perennial Mycelium of Phytophthora Infestans," *Centbl. Bakt.*, Bd. 39, 1913; "Powdery Scab of Potatoes," *Maine Science*, Vol. 38, 1913; "Silver Scurf, a Disease of the Potato," Bureau of Plant Industry Circular 127, 1913; "Powdery Scab of Potatoes," U. S. Department of Agriculture Bulletin 82, 1914; "Perennial Mycelium in Species of Peronosporaceae Related to Phytophthora Infestans," *Journal of Agricultural Research*, 1915; "Hibernation of Phytophthora Infestans of the Irish Potato," *ibid.*, Vol. 2, 1915; "Some Raspberry Diseases," *Iowa State Horticultural Society*, Vol. 52, 1917; "Destructive Foliage Diseases of the Potato," Iowa State College Agr. Ext. Bull. No. 56, 1917; "The Barberry Bush and Black Stem Rust of Small Grains (with L. W. Durrell), Iowa Agricultural Experiment Station Circular No. 35, 1917; "Cabbage Diseases" (with I. H. Vogel), Ia. Agr. Exp. Sta. Cir. 46, 1917; "An Improved Method of Potato Seed Treatment" (with J. C. Gilman), Ia. Agr. Exp. Sta. Cir. 57, 1919; "Studies on the Crown Rust of Oats" (with L. W. Durrell), Ia. Agr. Exp. Sta. Bull. No. 49, 1919; "The Effect of Crown Gall upon a Young Apple Orchard" (with Laurenz Greene), Ia. Agr. Exp. Sta. Research Bull. 50, 1919; "Relation of the Barberry to Stem



Rust in Iowa" (with others), Ia. Agr. Exp. Sta. Res. Bull. 57, Jan. 1920; "Fungicidal Action of Formaldehyde" (with Gilman and Kendrick), Ia. Agr. Exp. Sta. Res. Bull. 59, Aug. 1920; "A Study of the Control of Crown Gall on Apple Grafts in the Nursery" (with M. J. Maney), Ia. Agr. Exp. Sta. Res. Bull. 69, July 1921; "Alternate Hosts and Biological Specialization of Crown Rust in America (with others), Ia. Agr. Exp. Sta. Res. Bull. 72, 1922; "Crown Gall and Hairy Root on Nursery Stock," *Proceedings of American Association of Nurserymen*, pp. 63-70, 1925; also numerous other papers in scientific journals. **Member:** Botanical Society of America; American Phytopathological Society; American Association for the Advancement of Science; Sigma Xi; Phi Kappa Phi; Gamma Sigma Delta; Alpha Tau Omega; Board of Governors, Crop Protection Institute; Soc. de Path. et d'Entom. Agr.; Vice-President, American Phytopathological Society, 1919; President, same, 1926. **Biography in** *Rus*, 1918, 1920, 1925, 1930; *American Men of Science*, 1921, 1927; *Who's Who in America*. **Born** at Creston, Ill., April 2, 1880.

**MELOM, CARL MARCUS**, Graduate, Red Wing Seminary, 1896; B.L., University of Minnesota, 1901; M.A., *ibid.*, 1902; Additional Graduate Work, Universities of Paris, Dijon, and Caen, France; Work toward Ph.D., University of Minnesota. **Instructor in French and Spanish**, University of Minnesota, Minneapolis, Minn., 1905-14. **Teacher in Rural Schools**, 1 year; **Teacher in Government Schools**, Philippine Islands, 1901-03; **Scholar in Spanish**, University of Minnesota, 1904-05; **Teaching Assistant**, Stanford University, 1914-15; **Instructor in Romance Languages**, University of Kansas, 1916-17; **Teaching Romance Languages**, Fresno State Teachers College, Fresno, Calif., 1917-21. **Biography in** *Dictionary of the University of Minnesota*, 1908. **Born** at Franklin, Minn., June 26, 1874; died at Fresno, Calif., Dec. 20, 1921; father, the late Rev. Johannes Hal-

vorson, Pastor at Fort Ridgely and Sacred Heart, Minn., 1872-92, was born at Jevnaker, Hadeland; mother, Marie (Iverson Hytta) H., also from Hadeland; brothers: Rev. J. S. Halvorson, Pastor at Gary, Minn.; Rev. A. H. Melom, Pastor at Frontier, Sask., Canada; Rev. I. O. Melom, Pastor at Sacred Heart, Minn.; and the late Rev. J. P. Melom of Elmore, Minn.

**MICKELSON, EARL LEWIS**, B.A., University of Minnesota, 1923; M.A., *ibid.*, 1924; Ph.D., *ibid.* (expected in near future). **Instructor in Mathematics**, Hamline University, St. Paul, Minn., 1923-25; **Instructor in Mathematics**, University of Wisconsin, 1925-28; **Assistant in Mathematics**, University of Minnesota, 1928-29. **Author:** "Orthogonal Polynomials for Interpolation," paper presented to American Mathematical Society, Chicago, April 1924; "On the Approximate Representation of a Function of Two Variables," paper presented to American Mathematical Society, Chicago, March 1929. **Member:** American Mathematical Society; Mathematical Association of America; Phi Beta Kappa; Mortar and Ball; Sigma Xi; Gamma Alpha. **First Lieutenant**, Coast Artillery Reserves. **Born** at Ashby, Minn., Sept. 12, 1900; paternal grandparents came from Jutland, Denmark; maternal grandfather came from Christiansand S; maternal grandmother from Mandal.

**MIDJO, CHRISTIAN M. S.**, Student, Tekniske Dekorations-skole, Det Kongelige Kunstakadem, and Professor Tuxen's school for young artists, Copenhagen, 1898-1905; Pupil of P. S. Krøyer and other well-known Danish painters. **Professor of Fine Arts, College of Architecture, Cornell University, Ithaca, N. Y., 1921 to date.** **Instructor in Painting and Drawing**, Cornell University, 1909-12; **Assistant Professor of Painting and Drawing**, same, 1912-21. **Artist:** has exhibited in New York, Chicago, and other cities. Represented by works in several private art collections. Awarded the Gre-

gus Jakobsen Fellowship for the study of art abroad, 1898-1902; awarded a medal and a money prize for painting, Copenhagen, 1901; winner of First Prize, Chicago Norwegian Club Art Exhibition, 1925. Traveled and painted in Italy, France, Germany, Denmark, and Norway (on sabbatical leave from Cornell University), 1926-27. Biography in *Urd* (magazine of Oslo), July 16, 1927. Born in Trondheim, April 8, 1880; came to the United States in 1906.

**MOE, HENRY ALLEN**, B.S., Hamline University, 1916; B.A. (in Jurisprudence, first class honors), Oxford University, 1922; B.C.L., *ibid.*, 1923; L.H.D., Hamline University, 1929. Secretary of the John Simon Guggenheim Memorial Foundation, New York, N. Y., 1923 to date. (This Foundation grants fellowships to scholars, writers, musicians, and artists for independent research, or the carrying out of special projects, abroad.) On editorial staff of *St. Paul Dispatch* and *St. Paul Pioneer Press*, 1916-17; Private Secretary to Member of Congress, 1917; with U. S. Naval Reserve Force (advancing from the rank of enlisted man to that of Lieutenant, Jr. grade), on active duty, 1917-20; Rhodes Scholar from the United States at large, Brasenose College, Oxford University, 1921-23; Hulme Lecturer in Law, Oxford University, 1923-24; Lecturer in Law, Columbia University School of Law, Spring Sessions 1927, 1928, 1929. Member: New York Bar; New York County Lawyers' Association; Century Association; Army and Navy Club; Columbia Faculty Club; Barrister-at-Law, Honourable Society of the Inner Temple, Inns of Court, London. Trustee and Treasurer, Association of American Rhodes Scholars; Trustee, Students' International Union, Geneva, Switzerland. Biography in Hamline University *Alumni Record*, 1924; *Who's Who in America*, since 1926-27 ed.; *Who's Who in New York*, 1929; *Who's Who in the East*, 1930. Born at Monticello, Minn., July 2, 1894; father came from Höland, Akershus

Amt; mother (née Gaustad) from Eidskogen, Hedemarkens Amt.

**MOE, LEWIS H.**, D.V.M., Ohio State University, 1927; Graduate Work, *ibid.*, 1927-28. Assistant Professor of Bacteriology and Veterinary Medicine, Oklahoma Agricultural and Mechanical College, Stillwater, Okla., 1928—. Assistant in Veterinary Pathology, Ohio State University, 1927-28. Author: *Anaplasmosis and Infectious Abortion in Cattle* (in preparation); "Sweet Clover Poisoning in Cattle," paper read. Member: American Veterinary Medical Association; Ohio Veterinary Medical Association; Oklahoma Veterinary Medical Association. Born at Superior, Wis., 1901; settled on ranch near Watford City, N. Dak., 1904; parents came from Trondheim; two sisters are Teachers in the Public Schools of North Dakota.

**MOEN, ELLA CHARLOTTE**, B.A., University of North Dakota; M.A., Columbia University; Additional Graduate Work, California, 1928-29. Assistant Professor of Art, University of North Dakota, Grand Forks, N. Dak., 1927-29. Instructor in Art, University of North Dakota, 1924-27; also Acting Head of the Department of Art, same, 1926-28; on the faculty of Fresno State Teachers College, Fresno, Calif., 1928-29. Traveled in Norway, Germany, France, Italy, and Switzerland, Summer 1926. Born in the United States; one grandmother came from Gardemoen; other grandparents from Gudbrandsdalen; all were pioneers in Minnesota, and two of them were pioneers in North Dakota.

**MOEN, JOHANNA**, Student, School of Industrial Art, Oslo, 1904-05; Columbia University, 1908-09; Technical Schools of Norway, 1914-15; B.S., Agricultural College of Utah, 1920; Graduate Work, Columbia University, Summer Session 1922, and 1925-26. Professor of Textiles and Clothing, Agricultural College of Utah, Logan, Utah, 1920 to date. Instructor, Young College, 1905-06;



Assistant Professor of Domestic Arts, same, 1906-16; Assistant Professor of Domestic Art, Agricultural College of Utah, 1916-20. State Chairman (Utah), Women's Auxiliary. Norse-American Centennial, Minneapolis, 1925. An educator who has "made good in her chosen life work." *Souvenir Norse-American Women, 1825-1925*, Minneapolis, 1925. Born in Solör.

**MOEN, REUBEN O.**, B.A., State University of Iowa, 1922; M.A., *ibid.*, 1922; Work toward Ph.D. Professor of Business Administration and Finance, North Carolina State College of Agriculture and Engineering, Raleigh, N. C., 1925 to date. Superintendent of Schools, Stacyville, Iowa, 1912-15; same, Radcliffe, Iowa, 1917-20; Adviser to State Board of Agriculture, and Supervisor of Credit Unions, State of North Carolina, 1922-23; Associate Professor and Head of the Department of Industrial Management, North Carolina State College of Agriculture and Engineering, 1923-24; Instructor in Business Organization and Operation, University of Illinois, 1924-25. Author: *Banking in Norway* (in preparation); also articles published in various journals. Member, Society for the Promotion of Engineering Education. Biography in *Who's Who in Engineering*, New York, 1925. Born at Cresco, Iowa, Dec. 25, 1892; parents came from Bergen.

**MOLSTAD, MELVIN CARL**, A.B., Carleton College, 1920; B.S., Massachusetts Institute of Technology, 1923. Instructor in Chemical Engineering, Yale University, New Haven, Conn., 1926 to date. Junior Chemist, Fixed Nitrogen Research Laboratory, U. S. Department of Agriculture, 1920-21; Assistant Chemist, same, 1923-26. Member, American Chemical Society. Biography in *American Men of Science*, 1927. Born at Spring Valley, Minn., Nov. 18, 1898.

**MORBECK, GEORGE CHES-TER**, B.S., in Forestry, Michigan Agricultural College, 1904; M.F.,

*ibid.*, 1915. Associate Professor of Forestry, Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa, 1914-22. Member of the Legislature of Idaho, 1909-11; Assistant Professor of Forestry, Iowa State College of Agriculture and Mechanic Arts, 1912-14; Wood Technologist, Forest Products Laboratory, Madison, Wis., 1922—; Lecturer on Forest Products, University of Wisconsin, 1926-27. Biography in *Rus*, 1918, 1920, 1925. Born at Ingalls, Mich., 1883; father, C. T. Morbeck, served in the Civil War.

**MORK, KATE**, see Kate Mork Twitchell.

**MORTENSEN, FREDERICK C.**, B.A., St. Olaf College, 1914; M.A., *ibid.*, 1916; Ph.D., State University of Iowa, 1926. Assistant Professor of Chemistry, Coe College, Cedar Rapids, Iowa, 1919-25. Professor of Chemistry, Westminster College, Salt Lake City, Utah, 1914-17; Instructor in Chemistry, Coe College, 1917-19; also Acting Head of the Department of Chemistry, same, 1920-25; City Chemist and Bacteriologist, Cedar Rapids, Iowa, 1918-23; Agent, Equitable Life Insurance Company of Iowa, Cedar Rapids, Iowa, 1926 to date. Author: "The Relation of Hydrogen Ion Concentration Control and Water Purification at Cedar Rapids, Iowa," *Journal of American Waterworks Association*, 1923; "A Study of Some Cycloparaffin Derivatives and Certain Molecular Rearrangements," *Journal of American Chemical Society*, 1928; "The Role of Hydrogen Ion Concentration Control and Alum Flocculation," paper presented to Iowa Section, American Water Works Association; "The First Year of Chemistry," paper read at Intersectional Meeting of American Chemical Society; "The Relation of Modern Chemistry to Medicine," paper given before the Kelvin Society; "The Use of Models in Teaching Structural Formulae," paper read before the Iowa Section of American Chemical Society. Lectures on "Making Life

Count," "Mormonism," "The Leading Industry," "Serv-us," "Living Trusts," "The Foreigner Here and There," "Imagination," and "C. M. T. C." delivered at various places. **Member:** American Chemical Society; American Water Works Association; Kelvin Society; Gyro; City Union; Underwriters; Officers Reserve Corps. Awarded Honorarium by the State University of Iowa (the university each year selecting a young professor from an Iowa college to spend a year or more at the university doing research work, with all expenses paid). **Biography** in *American Men of Science*, 1927. **Born** at Owatonna, Minn., Jan. 16, 1893.

**MORTENSEN, HAROLD**, B.A., Augsburg College, Minneapolis, Minn., 1920; M.A., University of Minnesota, 1923; Add. Graduate Work, University of Minnesota, Summer Sessions 1925, 1927. **Instructor in English**, North Dakota Agricultural College, Fargo, N. Dak., 1925-26. **Teacher**, Minnehaha Academy, Minneapolis, 1920-21; **Teacher**, Waldorf Lutheran College, Forest City, Iowa, 1922-25; **Instructor in English**, North Dakota Agricultural College, Summer 1926; **Instructor in English**, Augsburg College, Minneapolis, 1926-28; **Instructor in Education**, same, 1927 to date. **President**, Augsburg Alumni Association, 1927—. **Born** at Mankato, Minn.; father, Rev. Jakob Mortensen, Pastor at Mankato, Lambertson, Wegdahl, and Fosston, Minn., since 1893, was born at Aadland, Skudenes, Karmöen; mother's parents (Strand) came from Valdres, settled in Wisconsin; brother, Dr. Ralph Mortensen (Ph.D., Hartford Theological Seminary, 1927), was a Missionary in China, 1918-21, Pastor at La Crosse, Wis., 1922-25, and returned to China as a missionary in 1929; sister, Gerda Mortensen, has been Dean of Women at Augsburg College, Minneapolis, for many years.

**MOTLAND, MILTON A.**, B.A., University of Minnesota, 1923; M.B.A., Harvard University, 1925.

**Instructor in Economics and Finance**, Boston University College of Business Administration, Boston, Mass., 1926 to date. **Teacher**, St. Olaf College, 1925-26. **Member**, Phi Beta Kappa (honorary fraternity, University of Minnesota). **Born** at Osage, Iowa, 1898; father came from the vicinity of Stavanger; mother's parents born in Norway; mother and three sisters were formerly teachers in the public schools.

**MOURSUND, ANDREW FLEMING, Jr.**, B.A., University of Texas, 1923; M.A., University of Texas, 1927. **Instructor in Mathematics**, Texas Technological College, Lubbock, Tex., 1927-28; **Fellow in Mathematics**, Brown University, Providence, R. I., 1928—.

**MOURSUND, WALTER HENRIK**, M.D., University of Texas, 1906. **Dean of the Baylor University College of Medicine**, Dallas, Texas, 1923 to date. **Professor of Physiology**, same, 1912-13; **Professor of Pathology and Bacteriology**, 1913-14; **Professor of Pathology and Secretary and Registrar of the College**, 1914-15; **Professor of Pathology**, 1915-17; **Captain**, later **Major**, Medical Reserve Corps, U. S. Army, World War; **Professor of Bacteriology and Clinical Pathology**, and **Acting Dean of the College**, 1920-21; **Professor of Clinical Pathology**, 1921-22; **Professor of Clinical Pathology and Acting Dean of the College**, 1922-23; **Professor of Clinical Pathology and Dean of the College**, 1923-24; **Professor of Bacteriology and Clinical Pathology and Dean of the College**, 1924-27; **Professor and Head of the Department of Bacteriology and Dean of the College**, 1927 to date. **Major**, Medical Officers' Reserve Corps; **Director**, Dallas Child Guidance Clinic. **Member:** American Society of Clinical Pathologists; American Medical Association; Southern Medical Association; Texas State Medical Association; Dallas County Medical Society. **Biography** in *Who's Who in America*, 1930-31. **Born** at Fredericksburg, Texas, Aug. 13, 1884; father, Albert Wad-



dell M., came from Tromsøe at the age of 18; mother, Henrietta Magdalen (Mowinckel) M., was born at Oak Hill, Travis County, Texas, her parents having come from Oslo.

**MUNSON, JOHN P.**, B.S., University of Wisconsin, 1887; Ph.B., Yale University, 1891; M.S., University of Wisconsin, 1892; Ph.D., University of Chicago, 1897. **Head of the Department of Biology, State Normal School, Ellensburg, Wash., 1899-1928.** Teacher of English and History, Augustana College, Canton (now Sioux Falls), S. Dak., 1889-91; Fellow in Zoology, University of Chicago, 1893-97; Teacher of Natural Science, Stoughton (Wis.) Academy, 1897-99; Investigator in Biology, Marine Biological Laboratory, Woods Hole, Mass., 1894; Assistant to Director, *ibid.*, 1894-95; Director of Department of Zoology, Seaside Laboratory, Port Renfrew, British Columbia, 1903; Member of Governing Council, Puget Sound Marine Biological Station, Friday Harbor, Wash., 1907-10; Investigator, Oslo, Berlin, and Naples, 1910; Investigator, Elizabeth Thomson Science Foundation, 1908-17; Research Work in libraries and laboratories of Eastern States, 6 months, 1926; taught Biology, Zoology, Botany, Bacteriology, Neurology, Genetics, German, Economics, and Sociology, State Normal School, Ellensburg, Wash., various years, 1899-1928. **Author:** *The Ovarian Egg of Limulus: A Contribution to the Problem of the Centrosome and Yoke-nucleus* (thesis for Ph.D.), Ginn & Co., Boston, 1899 (reprint from *Journal of Morphology*, Vol. XV, Nov. 1898); *Education through Nature Study: Foundation and Method* (Vol. XXI of Kellogg's Teachers Library), E. L. Kellogg & Co., New York and Chicago, 1903, 2nd ed., A. A. Barnes, New York, 1912; *Lectures on Education*, Vol. 1, 1904; "Nature Study in the Public School," *Washington School Journal*, 1901; "Method of Nature Study," *Northwest Journal of Education*, 1903; "Spermatogenesis of the Butterfly," *Proceedings of the Boston Society of Natural History*, 1906; "Anatomy of the Arms of

Ophioglypha Sarssi," *Proceedings of the 7th International Congress of Zoology, Boston, 1907*; "Generation and Degeneration of the Sex Cells," *ibid.*, p. 326; "Researches on the Oogenesis of the Tortoise," *American Journal of Anatomy*, 1909; "Organization and Polarity of Protoplasm," lecture delivered at 8th International Congress of Zoology, Graz, Austria, 1910, pub. in *Verhandlungen, Jena*, 1912, later reprinted as a separate publication; "A Comparative Study of the Origin and Structure of the Yolk Nucleus," *Archiv für Zellforschung* (Munich, Germany), 1912; "Chelonian Brain-bladder, Metapore, and Metaplexus," *Anatomical Record*, 1913; "Biological and Sociological Aspects of the European War," *Northwest Journal of Education*, Dec. 1914 (reprinted by request). **Editor**, *Normal School Quarterly*, 1905-08. **Collaborator on:** *Nature Study Review*, 1905-07; *American Journal of Anatomy*, 1904-10; *International Encyclopedia*, Vienna, 1926. **Lecturer:** Puget Sound Marine Biological Station, Friday Harbor, Wash., 1907-10; Graduate Medical School, University of Illinois, Chicago, 1916; 7th and 8th International Congresses of Zoology, Boston, 1907, Graz, 1910. 25 plates of comparative cell studies completed. **Member:** American Association of Anatomists; American Association of Political and Social Science; National Geographic Society; Washington Philological Society; Society for the Advancement of Scandinavian Study; Association of Doctors of Philosophy of the University of Chicago; National Child Labor Committee; British Medical Association of Toronto; Charter Member, Pi Gamma Mu Fraternity; Membre d'honneur, Société Académique d'Histoire Internationale, Paris; Associate, American-Scandinavian Foundation; Fellow, Western Society of Naturalists; Fellow, American Geographical Society; Fellow, American Association for the Advancement of Science; Fellow, Royal Society, London; Co-founder, National Historical Society. Appointed Honorary Fellow in Biology, Clark University, 1897. Awarded Walker 1st Prize by Bos-

ton Society of Natural History, 1911. *Biography in Men of America*, New York, 1908; *Who's Who in Science—International*, London, 1914; *The Naturalists Directory*, 1914; *National Library of American Biography*, 1914; *American Men of Science*, 1910, 1921, 1927; *School Calendar*, 1924; *International Blue Book*, London, Paris, and New York, 1926; *Who's Who in Washington State*, 1927; *Yale University Obituary Record*, 1927-28; *Who's Who in America*, 1928-29. Born at Jølster, Søndfjord, Feb. 21, 1860; son of Peter M. Dvergsdal and Elizabeth N. Dvergsdal; brought to the United States in 1864; died (suddenly of heart failure, as he had finished a dictation), Feb. 27, 1928; cousin of Johannes Haarklou, well-known Norwegian composer (see *Aschehougs Konversationsleksikon*, Oslo, 1925).

**MUUS, JALMAR O.**, B.A., University of North Dakota; J.D., University of North Dakota, 1927; Scholar in Law, University of Chicago, 1930—. Acting Head of the Department of Scandinavian Languages and Literatures, University of North Dakota, Grand Forks, N. Dak., 1927-28. Student Assistant in Scandinavian Languages, University of North Dakota, 1921-22; Teacher, Casselton (N. Dak.) High School, 1922-23; Principal, same, 1923-24; Assistant in Scandinavian Languages, University of North Dakota, 1925-26; Part-time Instructor, same, 1926-27; Teacher of Social Sciences, Central High School, Grand Forks, N. Dak., 1928-30. Author of various case notes in *Dakota Law Review*. Awarded scholarship in law by the University of Chicago, 1930. Member: Phi Beta Kappa; Delta Sigma Rho. Born in the United States; parents came from Vestre Toten.

**MYGDAL, ELNA**, B.S., in Edn., University of Wisconsin, 1926. Instructor in Physical Education, University of Wisconsin, Madison, Wis., 1928—. Instructor in Physical Education, Stephens College, Columbia, Mo., 1926-28. Born in Chicago, Ill., 1904; father was born in Denmark, mother in Bergen; niece

of Elna Mygdal of the National Museum, Copenhagen.

**MYHR, CATHINKA FINCH**, see Cathinka Finch Myhr Venth.

**NAESETH, HENRIETTE**, B.A., Grinnell College, 1922; A.M., University of Minnesota, 1924. Assistant Professor of English, Goucher College, Baltimore, Md., 1931—. Instructor in English, University of Chicago, 1929-31.

**NATWICK, TILDA REGINA**, Graduate, State Normal School, Valley City, N. Dak.; State Normal School, Stevens Point, Wis.; Student, Stout Institute, and University of Chicago; B.S., M.A., Columbia University. Instructor in Home Economics, University of North Dakota, Grand Forks, N. Dak., 1928—. Principal of Schools, Embarrass, Wis., 4 years; Teacher of Domestic Science, Public Schools, Minto, N. Dak., 1911-13; Teacher of Household Arts, Public Schools, Jamestown, N. Dak., 1913-15; Director of Home Economics, State Normal and Industrial School, Ellendale, N. Dak., 1915-25.

**NEERGAARD, PAUL INGE-BRIKT**, A.B., Bethany College (Kans.), 1912; Resident Work for A.M., Yale University, completed 1914. Professor of Sociology, Economics, and Politics, Bethany College, Lindsborg, Kans., 1917-18. Instructor in Sociology and Anthropology, Western Reserve University, 1914-15; Instructor in Sociology and Anthropology, University of Minnesota, 1915-17; in War Camp Community Service, 1918; Editor, *Universal Cyclopaedia*, published by the Mutual Publishing Company, Kansas City, Mo., 1919 to date. Author: *Bufton's Loose Leaf Extension Service* (8 annual publications supplementary to the *Universal Cyclopaedia*), 1920-27; articles on social science and historical subjects in forthcoming new encyclopedia. Born in Trondheim, Norway, Jan. 16, 1884.



**NELSEN, ELISE MAGDALENE**, B.S., School of Education, Boston University, 1929; M.S., *ibid.*, 1931 (expected). Instructor in Physical Education, School of Education, Boston University, Boston and Cambridge, Mass., 1924 to date. Physical Director, Y. W. C. A., Aurora, Ill., 1919-20; Physical Director, Y. W. C. A., Grand Rapids, Mich., 1920-22; Physical Director, Public Schools, Winchester, Mass., 1922-24. Author of various articles. Editor, *Sargent Quarterly* (Sargent School of Physical Education), 3 years. Vice-President, Boston Group, National Amateur Athletic Association, 2 years; President, same, 3 years; President, Boston Sargent Club, 3 years; Member, Boston Board of Officials, 3 years; now on Advisory Council, same. Served on local Executive Committee which arranged the American Physical Education Convention, Boston, 1930. Born in Boston, Mass., April 24, 1896; parents came from Bergen.

**NELSEN, NORMAN M.**, Graduate, Infantry School, U. S. Army, 1924; Captain of Infantry, D. O. L. Assistant Professor of Military Science and Tactics, University of Hawaii, Honolulu, Hawaii, 1925 to date. 2nd Lieutenant, U. S. Army, 1917-18; 1st Lieutenant, same, 1918-20; Captain of Infantry, same, 1920 to date. Service at the Mexican Border, 1916; with American Expeditionary Forces, France, 1918-19. Wounded in Action, 1918. Author of various articles dealing with service in the army, and national defense. Lecturer on same subjects. Born in Brooklyn, N. Y., 1894; parents came from Larvik.

**NELSON, ALFRED LEWIS**, A.B., Midland College, 1911; A.M., University of Kansas, 1913; Ph.D., University of Chicago, 1915. Professor and Head of the Department of Mathematics, College of the City of Detroit, Detroit, Mich., 1925 to date. Fellow in Mathematics, University of Kansas, 1912-13; Instructor in Mathematics, University of Michigan, 1915-20; Assistant Professor of Mathematics, University

of Michigan, 1920-25. Author: "Plane Nets with Equal Invariants," *Rendiconti del Circolo Matematico di Palermo*, Vol. 41, pp. 238-262, 1916; "Quasi-periodicity of Asymptotic Plane Nets," *Bulletin of American Mathematical Society*, 2nd Series, Vol. 22, pp. 445-455, 1916; "Note on Seminvariants of systems of partial differential equations," *American Journal of Mathematics*, Vol. 41, pp. 123-132, 1919; "Pseudo-canonical forms and invariants of systems of partial differential equations," *Transactions of American Mathematical Society*, Vol. 22, pp. 180-197, 1921; "The conditions for a fixed point in projective differential geometry," *Bulletin of American Mathematical Society*, Vol. 32, pp. 165-168, 1926; also numerous other papers published in scientific journals or read before learned bodies. Member: American Mathematical Society; Mathematical Association of America; American Association for the Advancement of Science; Circolo Matematico di Palermo; Treasurer, Detroit Mathematical Club, 1925-26; Chairman, Michigan Section, Mathematical Association of America, 1925-26. Biography in *American Men of Science*, 1921, 1927. Born at Moray, Kans., Feb. 8, 1891; paternal grandparents came from Grimstad (?); maternal grandparents from Telemarken; a brother (Nels) and a cousin of paternal grandfather were members of the Norwegian Storthing; cousin of the late N. O. Nelson, widely known industrialist and humanitarian (founded the cooperative village of Leclair, Ill., 1890, adopted profit-sharing with employees, 1886, and with customers, 1905, introduced farmers' cooperative creameries and credit societies in Georgia and Alabama, 1908, cooperative groceries in New Orleans, 1910, and rural industrial education in Georgia and Alabama, 1908 [see *Men of America*, New York, 1908; *Who's Who in America*, 1903-05 to 1920-21 eds.]); nephew of Dr. Theodore R. Running (q.v.); brother of Dr. Cyril A. Nelson (q.v.).

**NELSON, AVEN**, A.B., State Normal School, Kirksville, Mo., 1883; B.Did., *ibid.*, 1883; M.Sc.Did.,

*ibid.*, 1889; M.S., Drury College, 1890; A.M., Harvard University, 1892; Ph.D., University of Denver, 1904; Sc.D., University of Colorado, 1926. **President of the University of Wyoming, Laramie, Wyo., 1917-22.** Instructor in Biology and English, Drury College, Springfield, Mo., 1883-85; Principal of Public Schools, Ferguson, Mo., 1885-87; Professor of Botany, University of Wyoming, 1887-1917; President Emeritus and Professor of Botany in active charge of the Department of Botany, 1922 to date; also Acting President of the University, 1912-17; Curator, for a long period of time, of the Rocky Mountain Herbarium, "the largest and most representative collection of the plants of the central Rocky Mountains to be found anywhere in the world. It now contains about 100,000 sheets of specimens and is growing at an average rate of 5,000 per year." In charge of laboratory, Columbian Exposition, Chicago, 1893; Demonstrator in charge of Government Plant Pathological Exhibit, Louisiana Purchase Exposition, St. Louis, 1904; Secretary, State Board of Horticulture, Wyoming, 1906 to date. **Author:** *Report on the Flora of Wyoming*, 1896; *The Trees of Wyoming and How to Know Them*, 1899; *Key to Rocky Mountain Flora*, 1902; *Contributions to Our Knowledge of the Flora of the Rocky Mountains*, 1904; *Spring Flora of the Intermountain States*, Ginn & Co., Boston, 1910, new ed., 1912; *The Red Desert of Wyoming and its Forage Resources*, U. S. Agrostology Division Bull. 13, Government Printing Office, Washington, 1898; *Native Vines in Wyoming Homes*, Wyoming Agricultural Experiment Station Bull. 50, Laramie, 1902; *Growing and Preparing Agricultural Crops for Exhibition* (with B. C. Buffum), Wyo. Agr. Exp. Sta. Bull. 58, Laramie, 1903; *Wyoming Forage Plants and Their Chemical Composition* (with Knight and Hepner), Wyo. Agr. Exp. Sta. Bull. 76, 1908, 119 pp., and Bull. 87, 1911, 151 pp.; "The Winter Killing of Trees and Shrubs," Wyo. Agr. Exp. Sta. Bull. No. 15, pp. 213-222, 1893; "Squirrel-tail grass: One of the Stock Pests of Wyoming," Wyo. Agr. Exp. Sta. Bull.

No. 19, pp. 73-79, 1894; "The Worst Needs of Wyoming and Suggested Legislation," Wyo. Agr. Exp. Sta. Bull. 31, pp. 262-320, Laramie, 1896; "Some Native Forage Plants for Alkali Soils," Wyo. Agr. Exp. Sta. Bull. 42, pp. 23-46, 1899; "Grasses," Wyo. Agr. Exp. Sta. Bull. No. 58, pp. 7-12, 1903; also many other bulletins and reports, and papers contributed to botanical journals. Reviser, Coulter-Nelson's *New Manual of Botany*, 1909. **Editor:** *Special Bulletins*, forming Vol. 2 of the Publications of Wyoming State Board of Horticulture, Laramie, 1908-18. **Member:** Biological Society of Washington; Society of Horticultural Science; St. Louis Academy of Science; International Association of Botanists; Fellow, Botanical Society of America; Fellow, American Association for the Advancement of Science. **Biography** in *Who's Who in Science—International*, London, 1914; *Rus*, 1918, 1920, 1925, 1930; *Who's Who and Why in After-War Education*; *Who's Who Among North American Authors*, 1927-28, 1929-30; *Who's Who in America*, since 1903-05 ed.; *American Men of Science*, 1906, 1910, 1921, 1927 (classed as one of the 100 leading American botanists since the 1906 ed.); *Who's Who in the East*, 1930; *New International Encyclopedia*, New York. Recognized as the foremost living authority on the classification of the Rocky Mountain plants. "Dr. Aven Nelson is a teacher and an investigator of the first rank in botanical science. \* \* \* In a period of forty years' service at the University of Wyoming he has constantly carried a heavy burden of teaching and has earned the respect and admiration of many hundreds of students. In addition to curricular and faculty burdens that would have occupied the entire time of most men, Dr. Nelson has made opportunity to do a large amount of exploration and original research work. He has developed, at the University of Wyoming, one of the largest and most valuable collections of Rocky Mountain plants in existence. Not the least of his services to the cause of higher education and the advancement of knowledge came during the five years when he served the University of Wyoming



honorably and efficiently as president. Last June (1926) the University of Colorado recognized his achievements by conferring upon him the honorary degree of Doctor of Science. In the community where Dr. Nelson has lived and worked for forty years he has earned a reputation for consistently championing the causes of truth, justice and honor and for conducting himself at all times as the Christian gentleman that he is." Dr. Edwin Blake Payson, Professor of Botany, University of Wyoming, written in the spring of 1927. "May 13, 1929, a dinner was given in his honor by the board of trustees, the members of the faculty, and the administrative staff of the university on the occasion of the completion of his seventieth year of life and forty-second in the service of the university." *School and Society*, June 15, 1929. Born at Keokuk, Iowa, March 24, 1859; parents came from the vicinity of Stanger.

**NELSON, BELLA M.**, B.S., Kansas State Agricultural College, 1918; M.S., *ibid.*, 1927. Assistant Professor of Home Economics, University of Utah, Salt Lake City, Utah, 1927 to date. Scientific Assistant, Office of Home Economics, Washington, D. C., 1918; Teacher of Home Economics, High Schools, Kansas, 1918-21; Instructor in Home Economics, Junior College, Lexington, Mo., 1921-22; Supervisor of Home Economics, City Schools, Topeka, Kans., 1922-26; Fellow in Home Economics, Kansas State Agricultural College, 1926-27; Assistant Professor of Home Economics, Montana State College, Bozeman, Mont., March-June, 1927. Member, Omicron Nu (national home economics honor society). Born at Centralia, Kans., Oct. 15, 1895; paternal grandparents came from Vestre Torpen, Land parish, in 1844, in a two-masted square-rigged vessel sailing from Drammen, spending 104 days on the ocean.

**NELSON, CASPER IRVING**, Graduate, State Normal School, River Falls, Wis., 1905; A.B., Uni-

versity of Wisconsin, 1912; Ph.D., University of Chicago, 1926. Professor of Bacteriology, North Dakota Agricultural College, and Soil Biologist, Agricultural Experiment Station, Fargo, N. Dak., 1920 to date. Principal, State Graded School, Stratford, Wis., 1905-06; Principal, Viola (Wis.) High School, 1906-07; Assistant Professor of Bacteriology, North Dakota Agricultural College, 1914-20. Author: *Studies on the Nature of Wilt Resistance in Flax* (with Mayme Devorak), North Dakota Agricultural Experiment Station Bulletin 202; "A Serological Ranking of Some Wheat Hybrids as an Aid in Selecting for Certain Genetic Characters" (with Jorgen M. Birkeland, contributed from North Dakota Agricultural Experiment Station), *Journal of Agricultural Research*, Vol. 38, No. 3, Feb. 1, 1927; "The Intracellular Proteins of Bacteria: I. Globulins," *Journal of Infectious Diseases*, Vol. 38, No. 4, pp. 371-377, April 1926; "The Intracellular Proteins of Bacteria: II. The Globulins as Indicators of Interspecies Relationships," *ibid.*, Vol. 40, No. 3, pp. 412-422, March 1927; "The Relationship between the Intracellular Globulins and the Toxin of *Cl. botuli*—," *ibid.*, Vol. 41, No. 1, pp. 9-12, July 1927. Awarded Logan Fellowship, University of Chicago, 1925; Rickett's cash prize for thesis work, 1926. Member: American Association for the Advancement of Science; Acacia, University of Wisconsin. Biography in *Rus*, 1920, 1925, 1930; *American Men of Science*, 1927. Born at River Falls, Wis., June 16, 1886; father was born near Skien; maternal grandfather came from Valdres; maternal grandmother born near Sundraardalen, Valdres.

**NELSON, CYRIL ARTHUR**, A.B., Midland College, 1914; A.M., University of Kansas, 1916; Ph.D., University of Chicago, 1919. Associate Professor of Mathematics, Rutgers University, New Brunswick, N. J., 1927 to date. Fellow in Mathematics, University of Kansas, 1914-16; Assistant in Mathematics, Princeton University, 1916-17; Fellow in Mathematics, University of

Chicago, 1918-19; Instructor in Mathematics, University of Kansas, 1919-20; Instructor in Mathematics, Western Reserve University, 1920-21; Associate in Mathematics, Johns Hopkins University, 1921-27. **Author:** "Conjugate Systems with Conjugate Axis Curves," thesis for Ph.D., 1919; numerous scientific articles published in mathematical journals. **Member:** American Mathematical Society; Mathematical Association of America; American Association for the Advancement of Science; Phi Beta Kappa; Sigma Xi; Circolo Matematico di Palermo. **Biography** in *American Men of Science*, 1927; *Who's Who in the East*, 1930. **Born** at Troy, Kans., Oct. 19, 1893; brother of Dr. Alfred L. Nelson (q.v.); nephew of Dr. Theodore R. Running (q.v.).

**NELSON, FREDRIK**, Pupil of Ole Olsen, Oslo. **Professor** of Piano and Head of the Piano Department, Valparaiso University, Valparaiso, Ind., 1904-17. Formerly Teacher at Ishpeming, Mich., Racine (Wis.) College, South Bend (Ind.) Conservatory, and the Gottschalk School of Music, Chicago. Played at the Grieg Memorial, Chicago; represented Norway at the International Concert, Orchestra Hall, Chicago. "An extremely popular teacher and a splendid man generally." **Born** in Oslo, Feb. 17, 1859; came to the United States at the age of 24; died (from a paralytic stroke) July 28, 1917; eulogy at his funeral delivered by President H. B. Brown of Valparaiso University; brother of Mme. Thora Hansson, sometime Stage Director, Stavanger (Norway) Theater; uncle of Mrs. Andrew Hummeland of Chicago.

**NELSON, HERBERT CLARENCE**, D.D.S., University of Minnesota, 1913. **Associate Professor** of Crown and Bridge Work, University of Minnesota College of Dentistry, Minneapolis, Minn., 1926 (?) to date. Instructor in Crown and Bridge Work, same, 1913-18 (?); Assistant Professor of Crown and Bridge Work, same, 1918 (?)-26 (?).

**NELSON, MARTIN**, B.S., University of Wisconsin, 1905; M.S., *ibid.*, 1906. **Dean of the College of Agriculture and Director of the Experiment Station, University of Arkansas, Fayetteville, Ark., 1913-20.** Teacher in Public Schools of Vernon County, Wis., 1896-97; Principal of Star Lake (Wis.) High School, 1900-02; Adjunct Professor of Field Crops and Soils, University of Nebraska, 1906-07; Associate Professor, same, 1907-08; Professor of Agronomy, University of Arkansas, 1908-13; Vice-Dean of the College of Agriculture, Vice-Director of the Experiment Station, and Professor and Head of the Department of Agronomy, University of Arkansas, 1920 to date. **Author:** *Corn and Cotton. A Brief Practical Treatise on the Culture of Corn and Cotton*, Arkansas Agricultural Experiment Station Circular 3, Fayetteville, 1910; *Does Better Cotton Seed Pay?* Ark. Agr. Exp. Sta. Cir. 8, Fayetteville; *Growing Alfalfa*, Ark. Agr. Exp. Sta. Cir. 14; also numerous bulletins and pamphlets, and scientific papers published in agricultural journals. **Member:** American Society of Agronomy; American Genetic Association; Alpha Zeta. **Biography** in *History of the University of Arkansas*, 1910; *Rus.*, 1925, 1930; *American Men of Science*, 1921, 1927; *Who's Who in America*, since 1914-15 ed. **Born** at Seneca, Wis., Sept. 12, 1871; son of Erik and Christene (Oleson) Nelson.

**NELSON, M. J.**, B.A., Luther College, 1916; M.A., University of Wisconsin, 1924. **Professor of Education, Iowa State Teachers College, Cedar Falls, Iowa, 1926 to date.** Principal and Superintendent of Schools, North Dakota, 4 years; Service in U. S. Army, 2 years; Assistant Professor of Education, Iowa State Teachers College, Cedar Falls, Iowa, 1924-26. **Author:** *The Denny-Nelson Tests in American History* (co-author), World Book Company, 1927; "The Abilities and Achievements of Elementary School Pupils before and after Vacation," *School and Society*, Sept. 22, 1928; "Some Data from Freshman Tests," *School and Society*, June 7, 1930;



"The Thurstone and Terman Group Tests as Measures of College Success," paper read before the Division of Psychology, Iowa Academy of Science. **Member**, Phi Delta Kappa. **Born** in the United States; parents came from Mosjøen.

**NELSON, ORAN MILTON**, B.S.A., University of Wisconsin, 1913. **Professor of Animal Husbandry, Oregon State Agricultural College, Corvallis, Ore., 1919 to date.** Instructor in Animal Husbandry, Oregon State Agricultural College, 1913-17; Associate Professor of Animal Husbandry, same, 1917-19. **Editor**, Part III of Potter's *Western Live-Stock Management*, Macmillan Co., New York, 1917. **Member**: Alpha Zeta; Gamma Sigma Delta; Phi Sigma Kappa. **Biography in** *Rus*, 1918, 1920, 1925, 1930. **Born** at La Crosse, Wis., Nov. 29, 1888; cousin of Prof. Elizabeth Melby (q.v.).

**NELSON, OSCAR SEVERINE**, B.S., in Econ., University of Pennsylvania, 1923; A.M., *ibid.*, 1926; Working toward Ph.D., *ibid.* **Instructor in Accounting, University of Pennsylvania, Philadelphia, Pa., 1923 to date.** Salesman and General Agent, R. C. Barnum Publishing Co., Cleveland, Ohio, 1916-18; Service in U. S. Army, France, 1918-19; Cashier and Statistician, Abbott Alderney Dairies, Inc., Philadelphia, Pa., 1919-23. **Author**, *The History and Present Status of the Cuban Sugar Industry* (in ms.). **Member**, Beta Gamma Sigma (national honorary scholastic fraternity). **Born** in Georgetown, Mont., July 30, 1896; father born in Larvik, mother in Stockholm.

**NEPRUD, CARL ALWIN**, B.A., University of Wisconsin, 1912; M.A., in Pol. Sc., *ibid.*, 1927. **Instructor in Political Science, American University, Washington, D. C., 1927-28** (conducting a Course in World Politics, embracing the Politics of the Far East, and the Relations of Europe to Africa and the Near East). In Chinese Maritime Customs Service, Shanghai, Moukden, Yochow, Chungking, Harbin,

and Suifenhö, China, 1913-27, appointed upon the recommendation of Dr. Paul Reinsch, formerly U. S. Minister to China; in Chinese Maritime Customs Service, China, 1928—. **Born** at Coon Valley, Wis., Dec. 24, 1889; paternal grandfather, Nels Neprud, came from Biri parish, Gudbrandsdalen, in 1847, settled at Coon Prairie, Wis., in 1848, and was one of the earliest settlers in that part of the State; paternal grandmother came from Gullord, Biri parish, being a sister of Even O. Gullord, who came to Koshkonong, Wis., in 1846, was the first person to settle at Coon Prairie, 1848, and the founder of the Coon Prairie Settlement; brother, Nels Neprud, is Postmaster of Coon Valley, Wis.; sister, Mrs. Maud Neprud Otjen, was formerly County Supt. of Schools, Vernon County, Wis., Member of the State Board of Control, Wisconsin, and is now President of Wisconsin League of Women Voters; brother of Marion Neprud (q.v.).

**NEPRUD, MARION CATHARINE**, B.A., University of Wisconsin, 1918; M.A., University of Wisconsin, 1920. **Instructor, National Southwestern University, Nanking, China, 1922-23**; Instructor, Peking University, Peking, China, 1923-24; Organizer, National League of Women Voters, 1924-25; State Organizer, Ohio League of Women Voters, 1925-26; Organization Secretary, Ohio League of Women Voters, 1926 to date. **Editor**, *Ohio Woman Voter*, 1926—. **Biography in** *Directory of Lutheran Teachers*, 1927. **Born** in Wisconsin; sister of C. A. Neprud (q.v.).

**NESS, HELGE**, B.S., Texas Agricultural and Mechanical College, 1889; M.S., Cornell University, 1898. **Professor of Botany, Texas Agricultural and Mechanical College, College Station, Tex., 1899-1903.** Assistant Professor of Horticulture and Botany, same, 1889-99; Chief of Division of Horticulture, Agricultural Experiment Station, same, 1908-23; Chief of Division of Botany, same, 1923 to date. With the exception of the years 1903-06,

has been in the service of Texas Agricultural College and Experiment Station continuously since 1889. **Author** of various reports on vegetation in Texas, and experiment station bulletins on plant breeding and arboriculture. **Member**, Society of Horticultural Science. **Biography** in *American Men of Science*, 1921, 1927. **Born** at Näs, Kvinhered, Söndhordland, Nov. 4, 1861; attended the Ungdomsskole at Rosendal, 2 years; came to Illinois in 1881, enrolling at the Texas Agricultural College in 1887.

**NESS, HENRY**, B.S.A., Iowa State College, 1905. **Instructor** in Zoology, Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa, 1909-12. **Assistant** in Zoology, same, 1906-09; now **Assistant** State Entomologist, Ames, Iowa.

**NESS, JENS ANDERSON**, A.B., Luther College, 1884; A.M., *ibid.*, 1890; Ph.D., in Sanskrit, Johns Hopkins University, 1901. **Professor** of Latin, Wittenberg College, Springfield, Ohio, 1905 to date. **Instructor** in Latin and Greek, St. Olaf College, 1888-91; **Instructor** in Greek, University of South Dakota, 1891-92; **Acting Professor** of Scandinavian Languages and Literatures, University of Minnesota, 1892-93; **Acting Professor** of Latin, Luther College, 1893-94; **Fellow**, Johns Hopkins University, 1896-98; **Fellow** by Courtesy and **Assistant** in Sanskrit, Avestan, and Lithuanian, Johns Hopkins University, 1898-1903; **Teacher** of Latin, Goucher College, 1903-04; **Acting Professor** of Latin, Wittenberg College, 1904-05; also **Instructor** in Sanskrit, University of Chicago, Summer Quarter 1900; **Dean** of the Saturday School, Wittenberg College, 1924-25. **Author**: "Concatenation in Rig-Veda;" "Etymology of the Sanskrit Root Vid;" also papers on the teaching of elementary Latin, importance of the study of Sanskrit to students of Classical and Germanic languages, and other subjects, read before various educational and philological organizations. Introduced the study of Icelandic

language and literature at the University of Minnesota, taught there for the first time in 1892-93. **Member**: American Mediaeval Academy; Phi Beta Kappa; Lithuanian Literary Society, Tilsit, East Prussia. **Biography** in *School Calendar*, 1924. **Born** at Ness, Sogndal, Feb. 26, 1863; came to the United States in 1872; nephew of the late Dr. Johannes T. Ylvisaker, Professor at Luther Seminary, St. Paul, 1876-1917.

**NESS, NORMAN THEODORE**, B.A., Carleton College; M.A., University of California. **Instructor** in Economics, Pomona College, Claremont, Calif., 1928—.

**NESWOLD, THEODORE OLSON**, Student of Art, Tromsø, Norway, 1895-99; Student, Art Institute, Chicago, 1901-07; Pupil of Frederic Warne Freer, 1907-08. **Instructor** in Art, Yankton College, Yankton, S. Dak., 1910-11. Private studio, Chicago, 1908-10.

**NEWBURY, KIRSTEN LARSEN** (Mrs. Newbury), B.S. (cum laude), University of Washington, Seattle, 1919; M.S., *ibid.*, 1924; Ph.D., University of Minnesota, 1928. **Instructor** in Physics, University of Washington, Seattle, Wash., 1928—. **Associate**, same, 1924-27; **Shevlin Scholar**, University of Minnesota, 1927-28. **Author**: "The Effect of Light on Oxide-coated Filaments," *Physical Review*, Oct. (or Nov.), 1929. **Member**: American Physical Society; Sigma Xi. **Born** in San Francisco, Calif., 1895; father came from Trondheim, mother from Oslo.

**NIELSEN, BERNT**, Graduate, Army Music School, Trondheim, 1882; **Band Leader**, U. S. Army, Retired. **Instructor** in Cornet Playing and **Leader** of the Cadet Military Band, University of Idaho, Moscow, Idaho, 1918 to date. In U. S. Army, 1886-1916; Solo Cornetist, 3rd U. S. Infantry Band, 1890; in Spanish-American War, Cuba, 1898; **Band Leader**, 17th U. S. Infantry, 1902; **Service** in the Moro Campaign, Mindanao, Philippine Islands, under the late General



Leonard Wood, 1903; in Philippine Islands, 1903-05; service in Cuba during the occupation and pacification of that country, 1906-09; Instructor, Georgia Military Academy Band, 1912-13; Service at the Mexican Border and in Mexico under General John J. Pershing, 1913-16; Instructor, Letter Carriers' Band, Minneapolis, Minn., 1916-18; also Director of Pillsbury Concert Band, 1917-18. Wearer of 5 campaign badges. Director of Army Mass Band, composed of 13 Regimental Bands of 365 pieces, playing before 35,000 people, San Antonio, Tex., July 4, 1911. Born in Trondheim.

**NIELSEN, PAUL HAMON**, Graduate, Cottey College, Nevada, Mo., 1902; B.M., *ibid.*, under Dr. Edouard Blitz, 1903; Pupil of Bernhard Listemann, Chicago, 3 years. Instructor in Violin, Harmony, and Theory of Music, and Conductor of Orchestra, Baird College, Clinton, Mo., 1903-05; same, Brookfield (Mo.) Conservatory of Music, 1905-06; Webb City (Mo.) Conservatory of Music, 1906-08; Beloit (Wis.) College, 1908-10; Director of Orchestra, Muskegon (Mich.) High School, 1910-16; also Teacher of Violin, Ursuline Academy, Muskegon, Mich., 1910-16; Instructor in Violin and other Orchestral Instruments, Yankton (S. Dak.) College, 1924-25; Private Studios, Muskegon and Muskegon Heights, Mich., 1910 to date. Associated with Dr. and Mme. Edouard Blitz, concertizing in Michigan and Missouri, 1897-1903; member of the Nielsen Trio, composed of himself, his son, Paul Nielsen, Jr., and Hazel Babcock, concertizing extensively. Member: Michigan Music Teachers' Association; Vice-President, Muskegon County Music Teachers' Association, 10 years. Biography in *International Who's Who in Music*, New York, 1918. Born in the village of Strömsjö, Norway, Aug. 15, 1878.

**NIELSEN, PER**, Pupil of Alberto Visetti, London; Thorvald Lammers, Gustav Friedrich, Oscar Daniel, Johannes Merchaert, and

Dr. Urach, Berlin. Director of Music and Vocal Culture, Westminster College, New Wilmington, Pa., 1919-23. Instructor in Voice, Georgetown College, Georgetown, Ky., 1916-18. Formerly concertized in England, Germany, Norway, Denmark, and Sweden; Member of the Court Opera Company, Mecklenburg-Schwerin. Returned to Norway in 1925; nephew of Capt. Oscar Knudsen of Oslo.

**NILSEN, ARTHUR**, M.D. Associate Clinical Professor of Laryngology, New York Post-Graduate Medical School and Hospital (now united with Columbia University), New York City, 1931—. Formerly Assistant Professor, same. Born in the United States; son of Dr. Jonas Rein Nilsen (q.v.) and Laura (Wittemor) N.

**NILSEN, JONAS REIN**, M.D., College of Physicians and Surgeons, New York, 1880. Professor of Gynecology, New York Post-Graduate Medical School and Hospital, New York, N. Y., 1887-1906. Clinical Assistant, same, 1882-85; Associate Professor of Gynecology, same, 1885-87. Author of an autobiography. Member: New York Academy of Medicine; New York Obstetrical Society; New York County Medical Society. Born in Bergen, Feb. 7, 1845; came to the United States in 1864; died Feb. 4, 1929; grandnephew of Hon. Jonas Rein, distinguished member of the Norwegian constitutional convention of 1814; grandson of Capt. Lars Rein, of the Norwegian army; father of Dr. Arthur Nilsen (q. v.).

**NILSEN, PETER JACOB**, Graduate, Skiensfjordens Tekniske Fagskole, Porsgrund, 1909; B.S. in E.E., University of Illinois, 1915. Instructor in Electrical Engineering, University of Illinois, Urbana, Ill., 1916-17. Assistant Engineer, Illinois State Public Utilities Commission, 1915-17; Efficiency Engineer, Arthur Young & Company, Chicago, 1917-20; Efficiency Engineer, Standard Oil Company of Indiana, 1920-24; President, Nilsen Electric Co., Oak

Park, Ill., 1924 to date. **Author**, "Engineering Economy and the Small Plant," *Electrical Review*, May 1916. **Member**: Sigma Xi; Tau Beta Pi; Ma-wan-da; Adelpic; Tribe of Illini. Final and Special Honors, University of Illinois; Captain of Gymnasium Team; Class Orator. Biography in University of Illinois *Alumni Directory*, 1918. **Born** at Sea, South Atlantic (17° S., 32° W.), Sept. 2, 1891; father from Porsgrund, mother from Arendal.

**NILSON, KENNETH** (known as Kenneth O. Snortum up to Aug. 1926; name changed to Kenneth Nilson by court decree), A.B., University of Minnesota, 1913; A.M., Columbia University, 1920; Candidate for Ph.D., University of Minnesota. **Associate Professor of Education**, Macalester College, St. Paul, Minn., 1923-27. Supt. of Village and City Schools, 1907-20; Assistant Director of Re-Education, State Department of Education, St. Paul, Minn., 1921-23 and 1927 to date. **Author**: *Disabled Persons: Their Education and Rehabilitation* (with Oscar M. Sullivan), Century Company, New York, 1926 (a history of the rehabilitation of the disabled and a study of the development of the rehabilitation movement in all its phases); "Methods of Placement in Rural Districts," *Proceedings of the National Conference on Vocational Rehabilitation of the Disabled Civilians*, Cleveland, Ohio, 1925; "The Educational Outlook for Crippled Children," *The Crippled Child*, Vol. 5, No. 3, Sept.-Oct. 1927; "Some Phases in the Education of Crippled Children," *Rehabilitation Review*, Vol. 1, No. 8, Aug. 1927; "Possibilities of Cooperation between the Industrial Commission and the Rehabilitation Agency," *ibid.*, Vol. 1, No. 10, Oct. 1927. **Member** of Editorial Staff, *Minnesota Journal of Education*. **Member**: National Education Association; Minnesota Education Association; Minnesota Association for Crippled Children; Minnesota Historical Society; Phi Delta Kappa; Pi Gamma Mu. Offered Scholarship by University of Chicago, 1920. **Born**

at Canby, Minn., Nov. 21, 1884, paternal grandfather, pioneer settler in the Valders Settlement, Manitowoc County, Wis., came from Slidre, Valdres, in 1850; father, Nils K. Snortum, was a pioneer farmer and merchant at Canby, Minn.; mother's parents (Johnson) came from Christiansand and Valdres; cousin of Prof. John Dahle, noted composer and editor, Professor of Music at Luther Seminary and Luther Theological Seminary, St. Paul, Minn., since 1889.

**NISSEN, ELIZABETH, B.A.**, University of Minnesota, 1920; M.A., *ibid.*, 1921; Student, École Normale Supérieure de Sèvres, France, 1921-22; Ph.D., University of Minnesota, 1928. **Assistant Professor of Romance Languages**, University of Minnesota, Minneapolis, Minn., 1928 to date. Instructor in Romance Languages, University of Minnesota, 1923-28. **Author**: *Les Chansons de Guiot et Jocelin de Dijon*, Champion, Paris, 1929; "Les personnages célèbres par les trouvères Guiot et Jocelin de Dijon," *Romania*, Oct. 1926; "Voltaire and Swift," paper presented to Modern Language Association, annual convention, Dec. 1926. **Member**: Modern Language Association of America; American Association of Teachers of Italian; Phi Beta Kappa. **Born** at Albert Lea, Minn.; father, Dr. Henrik K. E. Nissen, direct descendant, on his father's side, of Hans Egede, the Apostle of Greenland, was graduated by the Medical Department, University of Oslo, 1888, came to the United States in 1889, practiced at La Crosse, Wis., and Albert Lea, Minn., and since 1904 has been a physician in Minneapolis; Dr. Oscar Nissen of Oslo (1843-1911) was her great-uncle; Erika Lie Nissen, noted pianist (1845-1903), was her great-aunt; Karl Nissen, pianist, cousin; Jakob Marius Schöning, Minister of Commerce, Norway, 1903-05, and distinguished postmaster at Oslo, her uncle (see all of the above in *Aschehougs Konversationsleksikon*, Oslo, 1925).



**NISSEN, HARTVIG**, Graduate, Nissen's Latin og Realskole, Oslo, 1872; Study with physicians in Oslo and Dresden, 1878-79. **Instructor in Physical Training, Johns Hopkins University, Baltimore, Md., 1886-89.** Teacher of Gymnastics, Drammen, Holmestrand, and Kongsberg, Norway, 1880-83; Founder of Swedish Health Institute, Washington, D. C., 1883; Director of same, 1883-90 (patients including Presidents Grant and Harrison, Secretaries Blaine and Hay, and many other distinguished men); Instructor in Physical Training, Catholic University, Washington, D. C., 1890-91; Assistant Director of Physical Training, Public Schools, Boston, Mass., 1891-97; Director, same, 1897-1900; Director of Physical Training, Public Schools, Brookline, Mass., 1900-12; Instructor in Gymnastics, Wellesley College, 1891-95; Professor of Gymnastics and Massage, Harvard University Summer School, 1891-1914; on faculty of Sargent's School of Physical Education, Boston, for many years, to 1915; owner and President of Posse Normal School of Gymnastics (now the Posse-Nissen School of Physical Education), Boston, 1915-24. **Author:** *Health by Exercise without Apparatus*, 1884; *Swedish Movement and Massage Treatment*, 1889; *The A B C of the Swedish System of Educational Gymnastics. A Practical Handbook for School Teachers and the Home*, F. A. Davis, Philadelphia and London, 1891; *Gymnastic Systems*, 1892; *Rational Home Gymnastics*, 1898, revised and enlarged ed., E. H. Bacon & Co., Boston, 1903; *Twenty Lessons in Practical Massage*, 1905; *Nissen's System of School Gymnastics in 180 Lessons*. **Member:** Brookline Education Society; Corresponding member, New York Medical Gymnastics and Massage Society; Chairman, Medical Gymnastic Department, Boston Physical Education Society; Vice-President, Massachusetts Therapeutic Massage Society. Gave the impetus to the playground movement in the United States. **Biography** in *Who's Who in*

*America*, 1906-07, 1908-09 eds.; *Nordmandsforbundet*, Aug.-Sept. 1915; *Who's Who in New England*, 1916. **Born** at Kongsberg, near Oslo, July 13, 1855; died 1924; father, O. Hartvig Nissen (1815-74), was the founder and Director of Nissen's Latin og Realskole, and Nissen's School for Girls, Oslo, later Rector of Oslo Cathedral School, and originator of the principles underlying the Norwegian school laws of 1860 and 1869 (see *Aschehougs Konversationsleksikon*, Oslo, 1925).

**NISSEN, HARRY**, B.S., Massachusetts Agricultural College, 1914; Student, Harvard Summer School of Physical Education, 1911, 1924-27; Diploma, Posse Normal School of Physical Education, Boston, 1923. **President of Posse-Nissen School of Physical Education, Boston, Mass., 1924 to date.** Chairman of the Board of Directors, same; Director of Physical Education, North Shore County Day School, Phillips Beach, Mass., 1923-24; Director, Posse-Nissen Camp, Hillsboro, N. H., 1924 to date. Reviser of Hartvig Nissen's book on massage. Since 1915, the school has grown from an enrolment of less than 50 pupils to 200, which is now the limit of its capacity; the work of the school has been placed on a much higher plane, and the course extended to three years; dormitories were added in 1924 and 1928, and a new building is to be erected on a five-acre tract recently acquired. **Member:** American Physical Education Association; National Education Association; Friends of Medical Progress; Pi Gamma Mu; Alpha Sigma Phi. **Biography** in *Private Schools*, 1927-28; *Who's Who in America*, since 1926-27 ed.; *Who's Who in the East*, 1930. **Born** in Oslo, Norway, Sept. 7, 1890; son of Prof. Hartvig Nissen (q.v.); uncles: J. H. Nissen (1848-1915), prominent architect of Oslo; P. S. Nissen (1844-), distinguished officer in the Norwegian army, member of the international geodetic survey, author of *Economic-Geographic Atlas of Norway*, 1921, and other works; brothers: G. Blaine

Nissen, practising attorney of Boston; Fridtjof Nansen Nissen, Instructor in the Posse-Nissen School of Physical Education, formerly Supervisor of Physical Education in the Public Schools of Quincy, Mass., and Instructor at Harvard Summer School of Physical Education, 1928; Oscar S. Nissen, in business for himself.

**NODTVEDT, MAGNUS, B.A.,** St. Olaf College, 1927; M.A., Columbia University, 1920; C.T., Luther Theological Seminary, St. Paul, 1925; Th.M., Princeton (N. J.) Theological Seminary, 1928. Instructor in Political Science, State University of Iowa, Iowa City, Iowa, 1921-22. In Medical Corps, U. S. Army, 1918; Teacher of History, Civics, and Economics, Canton (S. Dak.) Lutheran Normal School, 1920-21; Pastor, Duncombe, Iowa, 1925-26; Teacher and Pastor, Concordia College, Moorhead, Minn., 1926-27, 1928 to date. *Biography in School Calendar*, 1924; *Who's Who Among Pastors*, 1928. Born at Westby, Wis., Aug. 21, 1893; father, Rev. Christian M. Nodtvedt, Pastor in South Dakota, Wisconsin, Oregon, and Canada, 1886-1911, was born at Manger, near Bergen.

**NOER, JULIUS, M.D.,** University of Michigan, 1885. Adjunct Professor of Pediatrics, Wisconsin College of Physicians and Surgeons, Milwaukee, Wis., for some time about 1900. Physician, Stoughton, Wis.; Lecturer on Physiology and Hygiene, Stoughton (Wis.) Academy, 1891-98; now a Resident of Berkeley, Calif. Member of School Board, Stoughton, Wis., 1890-1905. Listed in *School Calendar*, 1924. Born at Solør, Norway, 1859; son, Oyvind J. Noer, was a Captain in the U. S. Army during the World War, and is now a chemist for the Milwaukee Sewage Commission; uncle of Prof. Ruth Douglas Noer (q. v.).

**NOER, RUTH DOUGLAS,** B.S., University of Wisconsin; M.S., University of Minnesota, 1925. Dean of Women and Assistant Professor

of Home Economics, West Virginia University, Morgantown, W. Va., 1929—. Member of Faculty, University of Minnesota, 3 years; Assistant Professor of Home Economics, West Virginia University, 1925-29. Born in Wisconsin; father, Dr. P. J. Noer, Practising Physician of Wabeno, Wis., was born at Solør; niece of Dr. Julius Noer (q.v.).

**NORDBY, CONRAD HJALMAR, B.S.,** College of the City of New York, 1886; Courses in Philosophy and Education under Dr. Nicholas Murray Butler, and in Germanic Literatures and Philology under Professors H. H. Boyesen, William H. Carpenter, and Calvin Thomas, School of Philosophy, Columbia University, 1894-1900; Work for Ph.D., *ibid.*, practically completed; Study in Europe, several Summers. Instructor in English Language and Literature, College of the City of New York, New York City, 1897-1900. Teacher in Grammar School No. 55, New York City, 1886-93; Tutor, College of the City of New York, 1893-97. Author: *The influence of Old Norse Literature upon English Literature*, thesis for Ph.D., almost completed at the time of his death, published as Columbia University Germanic Studies, Vol. I, No. 3, Columbia University Press, 1901; poems published in the College of the City of New York *Yearbook*, 1886, and in various other school and church papers; also numerous other poems found in notebooks and elsewhere after his death. "Every occasion seemed to inspire an ode, or a ballad, or a longer poem." Delivered a course of weekly lectures to the teachers of the Public Schools of New York City, 1898-99. Spoke French, German, and Norwegian. President of the Berkshire Society of New York. *Biography in The Influence of Old Norse Literature upon English Literature*, Columbia University Press, 1901; newspaper published in the village of South Egremont (?), about Nov. 15, 1900. Born in Oslo, Norway, Sept. 26, 1867; brought to New York City by parents in 1871; died (after a short illness from typhoid



fever) at St. Luke's Hospital, New York City, Oct. 28, 1900; funeral service attended by the entire faculty of the College of the City of New York; tablet to his memory placed in the new buildings of this college; son, Conrad Harold Nordby, is an architect of Reading, Pa. "To those acquainted with him, no written words can represent the charm of his personality or give anything approaching an adequate impression of his ability and strength of character. \* \* \* He was a teacher who impressed his personality, not only upon his students, but upon all who knew him. In his character were united force and refinement, firmness and geniality. In his earnest work with his pupils, in his lectures to the teachers of the New York Public Schools and to other audiences, in his personal influence upon all with whom he came in contact, he spread the taste for beauty, both of poetry and of life. When his body was carried to the grave, the grief was not confined to a few intimate friends; all who had known him felt that something noble and beautiful had vanished from their lives." L. F. M. (a former colleague of Nordbye at the College of the City of New York), in *The Influence of Old Norse Literature upon English Literature*. "If I wished to set before my boy a type of what is best and most lovable in the American youth, I think I could find no more admirable character than that of Conrad Hjalmar Nordby. \* \* \* Of such youth our land may well be proud; and no man need speak despairingly of a nation whose life and institutions can ripen such a fruit." Rev. John Coleman Adams, at memorial service held in the Church of the Puritans. (Acknowledgment gratefully made of information received in connection with this sketch from Professor Charles A. Downer, of the College of the City of New York, from Mrs. William R. McCord, of Harrisburg, Pa. [formerly Mrs. Conrad Hjalmar Nordby], and from Professor Robert Herndon Fife, of Columbia University.)

**NORDBY, JULIUS EDWARD**, B. S. A., University of Idaho, 1915; M.S.A., University of Illinois, 1916. Associate Professor of Animal Husbandry, University of Idaho, Moscow, Ida., 1922 to date. Scholar, University of Illinois, 1915-16; Instructor in Animal Husbandry, University of Idaho, 1916-18; Cadet, School of Military Aeronautics, Massachusetts Institute of Technology, 2nd Lieutenant, Aviation Section, U. S. Army, 1918; Assistant Professor of Animal Husbandry, University of Idaho, 1919; In live-stock development work, 1920-22; also Assistant Animal Husbandman, Experiment Station, University of Idaho, 1922 to date. Author: "A Syncephalus Thoracopagus Monster in Swine," *American Naturalist*, Vol. LXII, 1928; "Spermatogonium and Spermatocyte Degeneration in Cryptorchid Testis of the Horse," *Transactions of the American Microscopical Society*, Vol. XLVII, 1928; *The Idaho Wool Caliper and its Application in Making Density Determinations*, Idaho Experiment Station Circular No. 52. Inventor of the Idaho Wool Caliper, used by investigators in making a study of the inheritance of the density of wool. Member: American Association for the Advancement of Science; Delta Sigma Rho (forensic); Sigma Xi (scientific); Alpha Zeta (agricultural); Gamma Alpha. Biography in *Rus*, 1925, 1930. Born at Soldier, Iowa, April 27, 1887; father, M. H. Nordby, came from Urskogen (Aurskog), Akershus fylke; mother, Julia Bertha (Severson) N., born at La Crosse, Wis., her mother having come from Valdres.

**NORDBY, O. P.**, B.S. Instructor in Mechanic Arts, North Dakota Agricultural College, Fargo, N. Dak., Jan. 1897-June 1898. Special Instructor in Farm Machinery, same, Winter Short Course, 1904-05. Farmer in the vicinity of Argusville, N. Dak., 1901.

**NORDGAARD, MARTIN ANDREW**, A.B., St. Olaf College, 1903; Grad. Work, University of Minnesota, 1904-05; University of

Chicago, 1912-13; University of Pennsylvania, 1917-18; A.M., University of Maine, 1914; Ph.D., Columbia University, 1922. **Professor and Head of the Department of Mathematics, Antioch College, Yellow Springs, Ohio, 1922-24.** Teacher of Mathematics and Science, Albion (Wis.) Academy, 1903-04; Teacher of Mathematics, High School, Howard Lake, Minn., 1905-06; Principal of Schools, Becker, Minn., 1906-08; Supt. of Schools, Rush City, Minn., 1908-09; Teacher of Mathematics and Science, Columbia College, Everett, Wash., 1909-11; Acting President, same, 1911-12; Instructor in Mathematics, University of Maine, 1913-16; Instructor in Education, St. Olaf College, 1916-17; Instructor in Mathematics, Grinnell College, 1918-19; Assistant Professor of Mathematics, same, 1919-21; Lecturer in Mathematics, Columbia University, 1921-22; Professor and Head of the Department of Mathematics, St. Olaf College, 1924 to date; Lecturer in Mathematics, State University of Iowa, Summer Sessions 1927, 1928, 1929. **Author:** *Historical Survey of Approximating Roots of Higher Numerical Equations* (thesis for Ph.D.), Columbia University Press, 1922; "Origin of Our Method of Extracting Roots of Numbers," *Mathematics Teacher* (New York), 1924; "Tests in College Freshman Mathematics," *American Mathematical Monthly*, 1924; "Introductory Calculus as a High School Subject" (60 page article), in *The Third Yearbook of the National Council of Teachers of Mathematics*, 1928. **Translation** and annotations of Caspar Wessel's *Om Direktionens analytiske Belegning* and Sophus Lie's *Over en Klasse geometriske Transformationer for A Sourcebook of Mathematics* (issued under chief editorship of Prof. D. E. Smith of Columbia University). **Member:** Mathematical Association of America; National Council of Teachers of Mathematics; American Association of University Professors; President, Minnesota Section, Mathematical Association of America, 1925—. **Biography** in *School Calen-*

*dar*, 1924; *American Men of Science*, 1927. **Born** near Northwood, Iowa, Jan. 29, 1882; parents came from Telemarken.

**NORDLIE, LEONARD TRUMAN**, A.B., Concordia College, Moorhead, Minn., 1917; A.M., University of Illinois, 1923; Graduate Student, Summer Schools, Harvard University, University of Wisconsin, and University of Washington, Seattle; Work toward Ph.D., University of Chicago, 1929-30. **Associate Professor of Commerce and Finance, James Millikin University, Decatur, Ill., 1923-29.** With Federal Trade Commission, Washington, D. C., 1917-18; in Radio Service, Signal Corps, U. S. Army, in the United States and France, 1918-19; Supt. of Schools, Warwick, N. Dak., 1919-21; Assistant in Economics, University of Illinois, 1921-23; Member of Faculty, Department of Economics, University of Chicago, 1929-30. Has specialized in the study of the relation of Banking, Credit, and Tariff to Agriculture. **Member,** American Economic Association. **Born** in West Koshkonong Settlement, Dane County, Wis., Sept. 6, 1892; father and maternal grandfather came from Numedal; maternal grandmother from Telemarken; mother born in Dane County, Wis.; brother, Prof. Herman C. Nordlie, has been Head of the Department of History, Concordia College, Moorhead, Minn., since 1917, and recently served as Mayor of the city of Moorhead.

**NORDSKOG, JOHN ERIC**, A.B., Drake University, 1922; A.M., Columbia University, 1923; Ph.D., *ibid.* (expected in Fall of 1929). **Associate Professor of Sociology, University of Southern California, Los Angeles, Calif., 1929—.** Statistician, Iowa Bureau of Labor, Des Moines, Iowa, 1913-22; Lydia C. Roberts Fellow in Sociology and Economics, Columbia University, 1922-23; Instructor in Political Science, Iowa State College of Agriculture and Mechanic Arts, Jan.-June, 1924; Assistant Professor of Economics,



Drake University, 1924-26; Lydia C. Roberts Traveling Fellow from Columbia University to the London School of Economics and Political Science, University of London, 1926-27; Assistant Professor of Sociology and Economics, Drake University, 1927-28; Assistant Professor of Foreign Trade, in charge of Department of Trade and Transportation, University of Southern California, 1928-29.

**Author:** Bulletins and Reports on Child Labor, Manufacturing Statistics, Labor Organizations, Arbitration and Conciliation, and Employment Conditions, issued as State publications by the Iowa Bureau of Labor; *Social Democracy in Norway*, ready for the press; *Production and Consumption Problems*, expected to be ready for the press about June, 1930. Has given a series of weekly lectures on Foreign trade over the K E T K, Los Angeles, as a part of the radio educational service of the University of Southern California, and expects to give a similar series on Social Problems during 1929-30. An accomplished pianist and organist, trained at Drake University, Columbia University, and with private instructors. **Member:** American Sociological Society; American Academy of Political and Social Science; American Association of University Professors; Phi Beta Kappa; Pi Gamma Mu (social science honor fraternity); Alpha Kappa Psi (commerce professional); Honorary member: Chi Delta, social fraternity at Drake University; Theta Psi, social fraternity at University of Southern California; Foreign Trade Club of Southern California. Visited Norway in 1926 and 1927. **Born** in Story City, Iowa, March 3, 1893; father came from Sveio, near Haugesund; mother descended from Tjernagel and Öien stock from the same part of Norway; cousin, Mrs. Julia Nordskog-Salisbury, is teaching in a large Los Angeles hospital; cousin, Andrae Nordskog, was formerly a teacher of voice and opera singer in Seattle, and is now a singer and publisher of Los Angeles.

**NORLAND, NORMAN, B.S.,** Iowa State College of Agriculture and Mechanic Arts, 1916; Graduate Work, University of Nebraska, 1918; State University of Iowa, Summers 1920, 1921. **Instructor in Natural Science, Iowa State Teachers College, Cedar Falls, Iowa, 1924-25.** Principal of High School, Blair, Neb., 1916-18; Teacher of Agriculture and Manual Training, Waldorf Lutheran College, Forest City, Iowa, 1918-19; Smith-Hughes Vocational Agriculture Instructor, Spirit Lake, Iowa, 1919-20; Superintendent of School, Laurens, Iowa, 1920-24; Instructor, Iowa State Teachers College, Summers 1923, 1924. **Member, Alpha Zeta. Biography in Rus, 1918. Born** in Marshall County, Iowa, Feb. 26, 1888.

**NORLIE, OLAF MORGAN,** born at Sioux City, Ia., Jan. 11, 1876. Son of Ole Halvorson Norlie, from Lillehammer, Norway, and wife, Martha Karolina Juel, from Nārö, Norway. Graduate of Augustana College, Canton, S. Dak., 1893; Dixon Coll., B.S., M.Accts., 1897; St. Olaf College, A.B., 1898; Milwaukee State Normal, 1899; Univ. of Wisconsin, A.M., 1901; United Church Seminary, C.T., 1907; Univ. of Minnesota, Ph.D., 1908; Dixon College, Ph.D., 1910; Augustana Seminary, Rock Island, Ill., C.S.T., 1915; S.T.D., 1917; received Litt.D. honoris causa from Wittenberg College, 1917. Manual laborer, 1889-95; teacher, 1895-07; pastor, 1907-15; book editor, 1915-19; teacher, 1919—. Was pastor in the United Norwegian Lutheran Church at Atwater, Minn. Taught public school in South Dakota, Wisconsin, and Minnesota. Held life certificate in Wisconsin; was superintendent at Rushford, Minn. Teacher of Latin and mathematics, Humboldt College, 1898-99; English, United Church Seminary, 1904-07; psychology, biology, Hebrew, Luther College, 1919-28; dean, Hartwick College, and teacher of religion, 1928—. **Member, Board of Publication, United Lutheran**

Church, 1910-14; Sunday School Song Book Commission, 1911-16; president, Atwater School Board, 1912-15; member, Board of Organization, United Church, 1913-16; president, Montevideo Circuit, Luther League, 1914-15; book editor and reference librarian, Augsburg Publishing House, Minneapolis, 1915-19; director of school surveys and teachers' employment bureau, 1916-19; president, Ramsey County Branch of Minnesota Total Abstinence Association, 1916-19; treasurer, St. Paul Convalescent Home, 1917-19; president, American Lutheran Statistical Association, 1917—; secretary, Educational Association of Norwegian Lutheran Church in America, 1918-20; Librarian, National Lutheran Council, New York, 1918—; chairman, Statistical Committee of National Lutheran Council, 1919-23; compiler (with G. L. Kieffer) of "Lutheran World Almanac and Annual Encyclopedia," 1920—; chairman, Statistical Committee of Norwegian Lutheran Church, 1919—; statistician, America's Making Exposition, Norwegian Section, 1921; member, Committee on Exhibits, Norse-American Centennial, 1924-25; Committee on Psychiatry, World Conference on Narcotic Education, 1924—; founder, Society of Descendants of the Sloopers, 1925; secretary of same, 1927—; member at some time of more than 50 associations, such as American Library Association, American Scandinavian Foundation, American Society for Church History, American Statistical Association, Fädrearven, National Christian Association, National Education Association, Norske Selskab, Orient Mission, Society for the Advancement of Scandinavian Studies, Symra, Yggdrasil, Zion Society for Israel. He is an honorary member of the Norwegian Parochial Teachers, the Sloopers and the American Sociologists (Pi Gamma Mu). He has served on many committees and commissions not mentioned above. Has had a free information bureau on matters Norwegian and Luth-

eran, 1907-28; has collected a large Norwegian-Americana library of about 10,000 books and pamphlets and other data relating to the Norwegians in America. Has made more than 600 statistical surveys in religion, education, immigration, etc. Author of many statistical studies, designer of many statistical blanks and graphs; contributor to 46 periodicals; editor of "Stoughton High School Days," 1902-03; Luther League Topics in "United Lutheran," 1910-11; "Hartwick College Bulletin," 1928—. Has published: "Norsk Søndagsskolesang" (with N. B. Thvedt), 1911; "Julen Er Kommet" (with H. Hoverstad), 1911; "Ness Jubelskrift," 1911; "Alterbogen," 1912; "Den Forenede Kirke," 1914; "Norsk Lutherske Prester i Amerika, 1843-1913" (with A. M. Arntzen, etc.), 1914; "Norsk Lutherske Prester i Amerika, 1843-1915," 1915; "Norsk Lutherske Menigheter i Amerika, 1841-1916" (with T. O. Tolo, etc.), 1918; "Menighetskalender Prospektus," 1918; "Knudsens Reiseberetning om en Reise fra Drammen," 1926; "Norsk-Engelsk Søndagsskolesangbog"—bilingual (with N. B. Thvedt), 1911; "Lutheran Hymnary Junior"—bilingual (with D. G. Ristad), 1916; "Glasoes Omsorg for Sine Egne"—bilingual, 1919; "Christian Keyser Preus"—bilingual (with O. A. Tingelstad), 1922; "A Guide to Literary Study," 1901; "United Church Home Missions," 1909; "English Sunday School Song Book," 1911; "By the Christmas Tree," 1911; "Lutheran Almanac for 1912," 1911; "A Free Text Church Postil," 1913; "The Academy for Princes," 1917; "Principles of Expressive Reading," 1918; "The Open Bible," 1918; "Lutheran World Almanac for 1921," 1920; "Lutheran World Almanac for 1922," 1921; "Lutheran World Almanac for 1923," 1922; "Luther College Through Sixty Years" (With O. A. Tingelstad and K. T. Jacobsen), 1922; "Cumulative Catalog of Lutheran Books in the English Language," 1924; "Elementary Christian Psy-



chology," 1924; "School Calendar, 1824-1924," 1924; "History of the Norwegian People in America," 1925; "Eielsen's Catechism," 1925; "Lutheran World Almanac for 1924-26," 1925; "History of the Norwegian People in America," 1926; "Lutheran World Almanac for 1927-28," 1927; "Who's Who Among Pastors in the Norwegian Lutheran Synods in America," 1928; "The Outlined Bible," 1928; "The Church College," 1928; "Why Go to College?" 1929; "Orientation," 1929; "Introduction to Sociology," 1929. Also many unpublished books and introductions, chapters and other contributions to over 150 books by other writers. His biography is sketched in "Who's Who in America," "Who's Who and Why in After War Education," "Who's Who Among North American Authors," "Who's Who in the North Central States," "Who's Who Among Norwegian Lutheran Pastors," "American Lutheran Survey," "Concordia Cyclopedia," "International Blue Book," "National Cyclopedia of American Biography," "School Calendar," "Prestekalenderen," "Skandinaven Hvem er Hvem," and other biographical cyclopedias.

**NÖVIK, PETER MATHÄUS**, B.S.; M.S., 1908 (?). Associate Professor of Horticulture, Maryland Agricultural College (since 1920 the University of Maryland). Baltimore, Md., 1908. Studies and researches in Norway, Denmark, Germany, England, Switzerland, France, and Italy; Teacher, Horticultural Schools of Hjeltnes and Sandved, Norway, 1901-04; Student, Cornell University, 1905-06; Lecturer on Horticulture, Maryland Agricultural College, 1906-08. Associate editor, *Norsk Havetidende* (Norwegian Horticultural Journal), 1901-08. Biography in *Aschehougs Konversationsleksikon*, Oslo, 1925. Born in Norway, 1875; died in Baltimore, Md., Dec. 1908.

**NYGARD, ARTHUR LOUIS**, D.D.S., St. Louis University. Clinical Professor of Prosthetic Den-

tistry, Baylor University College of Dentistry, Dallas, Texas, 1927 to date. Professor of Materia Medica and Therapeutics, State Dental College, Dallas, Tex.; Professor of Operative Dentistry and Dental Anatomy, and Superintendent of the Clinic and Technic Laboratories, Baylor University College of Dentistry, Dallas, Tex., 1918-19; Professor of Operative Dentistry and Materia Medica, and Supt. of the Infirmary, same, 1919-20; Professor of Dental Pathology, Dental Materia Medica and Therapeutics, and Operative Dentistry, and Supt. of the Infirmary, same, 1920-21; Professor of Operative Dentistry and Supt. of the Infirmary, 1921-24; Professor of Dental Therapeutics, 1925-27. Also Chairman of Advisory Board, Baylor University College of Dentistry, 1922 to date. Assistant editor, *Southwest Dental Journal*, 1925-26. Assistant Secretary, Texas State Dental Society; President, Dallas County Dental Society. Born in San Francisco, Calif., July 17, 1884; father was born in Christiansund N.

**OCKERBLAD, ANDREW MERRITT**, B.S. in C.E., University of Vermont, 1910. Associate Professor of Applied Mechanics, University of Kansas, Lawrence, Kans., 1926 to date. Instructor in Civil Engineering, Michigan Agricultural College, 1910-13; Examiner of Surveys, U. S. Forest Service, Washington, D. C., 1913-17; In charge of the Department of Civil Engineering, Wichita Mapping and Engineering Company, Wichita, Kans., 1917; 1st Lieutenant of Engineers, U. S. Army, 1917-19; Civil Engineer, U. S. Naval Ordnance Plant, South Charleston, W. Va., 1919; Professor of Civil Engineering, New Mexico State School of Mines, 1919-21; Assistant Professor of Civil Engineering, University of Kansas, 1921-22; Assistant Professor of Applied Mechanics, University of Kansas, 1922-26. Born in the United States; father born in Sweden; mother, in Christiansand S.; distant relative of Johann David Akerblad,

egyptologist connected with the decipherment of the Rosetta Stone inscription; nephew of Nels Olsen, sometime Superintendent of the New York Yacht club; brother of Dr. N. F. Ockerblad (q. v.).

**OCKERBLAD, FREDERICK OTTO, JR.**, B.S., University of Vermont; M.S., Michigan Agricultural College. Instructor in Bacteriology, Ohio State University, Columbus, Ohio, 1918-21. Instructor in Botany, University of Missouri, 1916-17. Died (by accident), Grand Rapids, Mich., June 1923; brother of Prof. A. M. Ockerblad (q. v.), and Dr. N. F. Ockerblad (q. v.).

**OCKERBLAD, NELSE FREDERICK**, B.P.E., Y. M. C. A. College, Chicago, 1904; B.S., Hanover College, 1914; M.D., University of Kansas, 1916. Professor and Head of the Department of Orology, University of Kansas School of Medicine, Kansas City, Mo., 1927 to date. Assistant Director of Athletics, Northwestern University, 1903-04; Director of Athletics, Hanover (Ind.) College; Director of Physical Education, Public Schools, Kansas City, Mo., many years; Physician and Surgeon, Kansas City, 1918 to date; Assistant Surgeon, Bell Memorial Hospital; Acting Head of the Department of Orology, same, 1920; Attending Orologist, St. Luke's Hospital, Kansas City; Assistant Professor of Surgery, University of Kansas School of Medicine, 1923-26; Associate Clinical Professor of Surgery, same 1926-27. Author of about 30 articles on scientific medicine and medical research published in various journals. Member: American Orological Association; Kansas City Orological Society; Jackson County Medical Society; Missouri State Medical Society; Southern Medical Society; Kansas City Academy of Medicine; American Medical Association; Fellow, American College of Surgeons. Captain, Medical Officers' Reserve Corps. Biography in *Who's Who in American Medicine*, 1925. Born,

Staten Island, New York City, Nov. 27, 1881; brother of Prof. A. M. Ockerblad (q. v.), and F. O. Ockerblad (q. v.).

**ODEGARD, PETER H.**, A.B., University of Washington, Seattle, 1922; A.M., *ibid.*, 1923; Ph.D., Columbia University, 1928. Professor of Government, Ohio State University, Columbus, Ohio, 1930—. Lecturer in Government, Columbia University, 1924-25; Instructor in Government, Columbia University, 1925-28; Assistant Professor of Government, Williams College, Williamstown, Mass., 1928-30; Author: *Pressure Politics: The Story of the Anti-Saloon League*, Columbia University Press, 1928; *The American Public Mind*, Columbia University Press, 1930; "Lobbies and American Legislation," *Current History*, Jan. 1930. Speaker at the Wesleyan student parley on American government and business, attended by delegates from thirty Eastern universities and colleges, held at Middletown, Conn., ending March 1, 1930 (see the *New York Times*, March 2, 1930).

**ODELL, THEODORE TELLEFSEN**, B.S., Hobart College, 1920; M.S., Cornell University, 1926. Assistant Professor of Biology, Hobart College and William Smith College, Geneva, N. Y., 1927 to date. Teacher of Biology, Polytechnic Preparatory County Day School, Brooklyn, N. Y., 1920-21; Instructor in Biology, Hobart College and William Smith College, 1921-27; also Coach of Cross Country, 1921 to date; lately carrying on work for the New York State Conservation Department on the Ecology and Life History of the Smelt, Alewife and Cisco in the Finger Lakes of New York. Author, *The Food of Orchard Birds with Special Reference to the Pear Psylla*, New York State Agricultural Experiment Station Bulletin 549, April 1928. Member: American Ornithologists' Union; American Society of Parasitologists; American Association for the Advancement of Science; Phi Beta Kappa, Hobart College, 1920; Lambda



Pi. Biography in *Who's Who in the East*, 1930. Born in Buffalo, N. Y., Dec. 4, 1896; mother came from the vicinity of Christiansand S., daughter of the late Theodore John Tellfesen.

**ODLAND, THEODORE EUGENE**, B.S., University of Minnesota, 1917; M.S., *ibid.*, 1920; Ph.D., Cornell University, 1926. Associate Professor of Agronomy and Associate Agronomist in the Experiment Station, West Virginia University, Morgantown, W. Va., 1924-29. Instructor in Agronomy and Farm Management, University of Minnesota West Central School of Agriculture, Morris, Minn., 1917-18, and Jan. 6, 1919-20; In Naval Aviation Service, 1918; Assistant Professor of Agronomy and Farm Management, and Assistant Agronomist in the Experiment Station, University of Minnesota College of Agriculture, St. Paul, Minn., 1920-21; Assistant Professor of Agronomy and Assistant Agronomist in the Experiment Station, West Virginia University, 1921-24; Agronomist, Rhode Island Agricultural Experiment Station, Kingston, R. I., 1929—. **Author:** *Cultural Experiments with Wheat, Oats, and Buckwheat*, West Virginia Agricultural Experiment Station Bulletin No. 200, 1926; *Cultural Experiments with Sunflowers and their Relative Value as a Silage Crop* (with H. O. Henderson), same, Bulletin No. 204, 1926; *The Inheritance of Rachilla Length and its Relation to Other Characters in a Cross between Avena sativa and Avena sativa orientalis*, same, Bulletin No. 219, 1928; *Cultural Experiments with Soybeans for Silage and for Hay*, same, Bulletin No. 227, 1928; *Pasture Experiments* (with others), same, Bulletin (in press); *Pasture Improvement*, West Virginia Agricultural Experiment Station Circular 47, 1926; *Certified Seed Production in West Virginia*, Special West Virginia Extension Circular, March 1928; "Influence of Adjacent Rows of Soybeans on One Another" (with R. J. Garber), *Journal of American Society of*

*Agronomy*, Vol. 18, 1926; "Natural Crossing in Soybeans (with R. J. Garber), *ibid.*, Vol. 18, 1926; "A Drying House for the Rapid Handling of Forage Samples" (with R. J. Garber), *ibid.*, Vol. 20, 1928; "Size of Plot and Number of Replications in Field Experiments with Soybeans" (with R. J. Garber), *ibid.*, Vol. 20, 2, pp. 93-108, 1928; "Tests of Native and Foreign Clover Strains in West Virginia" (with R. J. Garber), *ibid.*, Vol. 21, 1929; "The Inheritance of Panicle Type and Ligule in a Certain Oat Cross," *West Virginia Scientific Society Bulletin*, and *Proceedings of the West Virginia Academy of Science*, Vol. 2, Aug. 1928; "The Inheritance of a Quantitative Character, Length of Rachilla, in an Oat Cross," *West Virginia Scientific Society Bulletin*, 1928; also many other bulletins, and technical papers published in various journals. **Member:** American Society of Agronomists; American Association for the Advancement of Science; Sigma Xi; Secretary, Minnesota Crop Improvement Association, 1920. **Biography in** *Rus*, 1925, 1930; *American Men of Science*, 1927. Born at Rutland, N. Dak., Jan. 11, 1892; parents came from the vicinity of Stavanger.

**OHLSÉN, EDITH**, Instructor in Home Economics, University of Nebraska, Lincoln, Neb., 1912-17. Referred to in *Nordmandsforbundet*, Dec. 1912, p. 748.

**OKKELBERG, PETER OLAUS**, A.B., University of Minnesota, 1906; A.M., *ibid.*, 1909; Ph.D., University of Michigan, 1918. Associate Professor of Zoology, University of Michigan, Ann Arbor, Mich., 1927 to date. Assistant in Zoology, University of Minnesota, 1908-09; Instructor in Zoology, University of Michigan, 1910-18; Assistant Professor of Zoology, same, 1918-27. **Author:** "Volumetric changes in the egg of the brook lamprey, *Entosphenus wilderi* (Gage) after fertilization," *Biological Bulletin*, Vol. 26, 1914; "The history of the germ cells in the brook lamprey, *Entosphenus*

wilderi (Gage), up to and including the period of sex differentiation," *Journal of Morphology*, Vol. 35, 1921; "Notes on the life history of the brook lamprey, *Ichthyomyzon concolor*," *Occasional Papers of the Museum of Zoology, University of Michigan*, No. 125, 1922. **Editor** (with E. S. McCartney), *Papers of Michigan Academy of Science, Arts and Letters*. **Member**: American Society of Zoologists; American Society of Mammalogists; American Association for the Advancement of Science; Michigan Academy of Science. **Biography in American Men of Science**, 1921, 1927. **Born** in Goodhue County, Minn., Nov. 12, 1880; parents came from Stjördalen, near Trondheim.

**OLSEN, ALFRED BERTHIER**, B.S., University of Michigan; M.S., University of Michigan, 1896; M.D., *ibid.*, 1894; D.P.H., Cambridge University, 1910; F.A.C.P.; F.R.S.M.; L.R.C.P., London; M.R.C.S., England. **Professor of Physiology, Battle Creek College, Battle Creek, Mich., 1924 to date.** Assistant in Histology, University of Michigan, 1894-95; Professor of Histology and Physiology, and Secretary of the College, American Medical Missionary College, 1895-1900; Superintendent, Caterham Sanitarium, Caterham, England (now amalgamated with the Stanboroughs, Watford, Herts, England), 1901-19; Physician to Columbus Rural Rest Home, Worthington, Ohio, 1920-24; Neuro-Psychiatrist to Battle Creek Sanitarium, 1924 to date. **Author, School of Health: Health for the Million.** Founder of magazine *Good Health*, London; Editor, *Good Health*, 1901-19. **Fellow**, American Psychiatric Association; Fellow, American Medical Association; Fellow, American College of Physicians; Fellow, Royal Society of Medicine. **Biography in Who's Who in American Medicine**, 1925. **Born** in Wisconsin; father, the late Rt. Rev. A. O. Olsen (Öveland), came from Mandal about 1845, was for 8 years the President of the Seventh-Day Adventist General Conference, and as such presided at the dedication of the buildings of Union College,

College View, Neb., Sept. 14, 1891; mother came from Sogndal; brother of Dr. Mahlon Ellsworth Olsen (q. v.).

**OLSEN, ANNA MARGRETHE**, B.S., Columbia University, 1912. **Adjunct Professor of Home Economics and Head of the Foods Department, University of Nebraska, Lincoln, Neb., 1912-14;** Assistant Professor of Home Economics and Head of the Foods Department, University of Nebraska, 1914-15; Instructor in Home Economics, Iowa State College of Agriculture and Mechanic Arts, 1915-16; Assistant Professor of Home Economics, same, 1916-19. **Member, Omicron Nu. Biography in Rus**, 1918, 1920. **Born** at Herscher, Ill., 1883; father, the late Rev. A. Chr. Olsen, Pastor at Pontiac and Herscher, Ill., 1868-1906, was born at Bjeldanes, Mo, Indre Helgeland; niece of the late Rev. Ole Tobias Olsen, well-known Pastor of Nordland and Oslo; cousin of Dr. M. N. Orfield (q. v.); sister, Mrs. Gertrude (Olsen) Dahl, was Director of the Music Department, Lutheran Normal School, Sioux Falls, S. Dak., 1905-07, 1909-14, and Teacher of Music, Augustana College and Normal School, 1918-20; brother, Rev. Holden M. Olsen, was Pastor at Madison, Wis., 1906-23, and President of Bethany College, Manakato, Minn., 1925-29; brother, Dr. M. I. Olsen, was a member of the faculty of Rush Medical College, Chicago, 1907-10, and is now Medical Director of Central Life Insurance Company, Des Moines, Iowa (see *Who's Who in American Medicine*, 1925); sister of N. A. Olsen (q.v.).

**OLSEN, HAROLD GOODWIN**, B.A., University of Wisconsin, 1917. **Assistant Professor of Physical Education, Ohio State University, Columbus, Ohio, 1923 to date.** Physical Director, Ripon College, 1917-22; Physical Director, Army Y. M. C. A., Chanute Field, Rantoul, Ill., Fall 1917; In Aviation Service, U. S. Army, Jan.-Dec. 1918; Director of Athletics,



Bradley Polytechnic Institute, Jan.-June 1919; Instructor in Physical Education, Ohio State University, 1922-23. **Born** in the United States; parents came from Trondheim.

**OLSEN, JOHN CHARLES**, A.B., Knox College, 1890; A.M., *ibid.*, 1893; Ph.D., Johns Hopkins University, 1900; Sc.D., Knox College, 1925. Professor of Chemical Engineering and Head of the Department of Chemistry and Chemical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y., 1918 to date. Librarian, Knox College, 1889-90; Teacher of Physics and Chemistry, Jerseyville (Ill.) High School, 1890-91; Principal of Public Schools, Ipava, Ill., 1891-94; Teacher of Chemistry and Physics, Austin High School, Chicago, Ill., 1895-98; Fellow in Chemistry, Johns Hopkins University, 1899-1900; Assistant Professor of Analytical Chemistry, Polytechnic Institute of Brooklyn, 1900-02; Professor of Analytical Chemistry, same, 1902-14; Professor of Chemistry and Head of the Department of Chemistry, Cooper Union, New York, 1914-18; also Instructor in Analytical Chemistry, Pratt Institute, Brooklyn, N. Y., 1900-06; Professor of Chemistry, Adelphi College, Brooklyn, N. Y., 1913-14; Lecturer on Analytical Chemistry and Foods, Brooklyn Institute of Arts and Sciences, 1900-10; Lecturer for the Board of Education, New York City, 1900-16. Employed extensively as Expert Witness in legal cases calling for knowledge of chemistry and chemical engineering. Consulting chemical engineer on industrial manufacturing processes involving chemical principles or applications. **Author:** *Quantitative Chemical Analysis*, D. Van Nostrand Co., New York, 1904, 5 eds.; *Pure Foods; their Adulteration, Nutritive Value, and Cost*, Ginn & Co., New York and Boston, 1911; *Qualitative Chemical Analysis*, D. Van Nostrand Co., New York, 1916; "Purification of Air and Water by Means of Ozone," *Transactions of International Congress on School Hygiene*, Buffalo, 1914,

pp. 306-311; also numerous papers in technical and scientific journals. **Editor:** *Van Nostrand's Chemical Annual*, issues of 1907, 1909, 1913, 1918, and 1926; *Transactions of the American Institute of Chemical Engineers* (16 Vols.), 1909-26. His books have been sold to the extent of about 50,000 copies. Inventor of an inkless pen. **Member:** American Chemical Society; American Institute of Chemical Engineers; Phi Beta Kappa; Chemische Gesellschaft; Secretary, American Institute of Chemical Engineers, 1908-26. Has traveled in England, France, Germany, Norway, Sweden, Denmark, Holland, Belgium, Scotland, and Canada. **Biography** in *Who's Who in Science—International*, London, 1914; *Who's Who in New York*, 1924; *Who's Who in Engineering*, 1925; *Who's Who Among North American Authors*, 1925, 1927-28, 1929-30; *Who's Who in America*, since 1912-13 ed.; *American Men of Science*, 1906, 1910, 1921, 1927 (classed as one of the 175 leading American chemists since 1910 ed.); *Who's Who in the East*, 1930. **Born** at Galesburg, Ill., July 22, 1869; father came from Norway in 1861; mother came from Bergen, 1861.

**OLSEN, JULIUS**, B.S., Bethany College (Kans.), 1898; Ph.D., Yale University, 1902; Student, Berlin and Cambridge, 1905-06; University of Kansas, Summer 1915; University of Colorado, Summer 1920; Sc.D., Bethany College (Kans.), 1922. Dean of the College of Arts and Sciences and Professor of Physics, Simmons University, Abilene, Tex., 1909 to date. Professor of Physics, same, 1902-09. **Author** of article on Physical Chemistry in *American Journal of Science*, Oct. 1902. **Member:** American Physical Society; American Association for the Advancement of Science. Traveled in Norway, 1906. **Biography** in *American Men of Science*, 1927. **Born** in Chicago, Ill., May 5, 1873; brought up at Norway, Kans.; father (d. 1922, at the age of 84), was born at Frosta, near Trondheim; mother (still living at Scandia, Kans., at the age of about 90), came from Lom, Gudbrandsdalen.

**OLSEN, MAHLON ELLSWORTH**, B.A., M.A., Ph.D. Professor of English and Denominational History, and Registrar, Washington Missionary College, Takoma Park, Washington, D. C., for some time about 1915. Now President, Fireside Correspondence School, Takoma Park, Washington, D. C. **Author:** *A History of the Origin and Progress of Seventh-Day Adventists* (768 pp.), Review and Herald Publishing Association, Washington, D. C., 1925. **Born** 1873; brother of Dr. Alfred B. Olsen (q.v.)

**OLSEN, MARIE ALBERTINE**, M.D., Woman's Medical School, Northwestern University, 1891. Instructor in Diseases of the Chest and Throat, Woman's Medical School, Northwestern University, Chicago, Ill., 1895-98. Physician, Chicago. Active in charitable and social work. **Born** in Oslo.

**OLSEN, NILS ANDREAS**, A.B., Luther College, 1907; Graduate Student, Johns Hopkins University, 1907-08; A.M., University of Wisconsin, 1909; A.M., Harvard University, 1912. Instructor in History and Economics, Muhlenburg College, Allentown, Pa., 1909-10; member of History faculty, Harvard University, 1910-12; Manager of Farm, Kankakee County, Ill., 1912-19; Assistant Agricultural Economist, U. S. Department of Agriculture, Washington, D. C., 1919-22; Associate Agricultural Economist, in charge of administration of Federal Seed Loans, same, 1922-23; Senior Agricultural Economist, in charge of Division of Agricultural Finance, same, 1923-24; Assistant Chief of Bureau of Agricultural Economics, in charge of Research, same, 1925-28; Chief of Bureau of Agricultural Economics, U. S. Department of Agriculture, 1928 to date. **Author** of various contributions to Government publications. **Addresses:** "The Outlook for Dairy Markets," delivered at the 12th Annual Meeting of the National Cooperative Milk Producers' Federation, Memphis, Tenn., Oct. 17,

1928; "Economic Problems Confronting the Western Fruit Industry," delivered at the Fruit Growers and Farmers Convention, Riverside, Calif., Nov. 9, 1928; "Economic Information in the Bureau of Agricultural Economics Available for Extension," given at 42nd Annual Convention of the Association of Land-Grant Colleges and Universities, Washington, D. C., Nov. 21, 1928; "The Bureau of Agricultural Economics as a National Service Agency," given at annual meeting of the American Association of Creamery Butter Manufacturers, Chicago, Ill., Dec. 4, 1929; "Foreign Markets for Agricultural Products and the Competition of Foreign Agricultural Producers in Our Foreign and Domestic Markets," delivered before the National Association of State Marketing Officials, Chicago, Dec. 4, 1928; "Fundamental Principles that Must be Considered in Programs for Handling Commodity Problems," delivered at meeting of the Central Western Shippers Advisory Board, and the Potato Section of the American Fruit and Vegetable Shippers Association, Chicago, Dec. 4, 1928; "Looking Forward into the New Year," Radio Talk over the National Broadcasting Chain, Jan. 1, 1929. "Mr. Olsen joined the Department of Agriculture in 1919, as an assistant agricultural economist, and has been progressively promoted since then through the various economic activities of the department. As assistant chief of the Bureau of Agricultural Economics, Mr. Olsen has been responsible for the development and coordination of research work in the bureau. He has also had administrative charge of the Division of Agricultural Finance, directing the research and investigational work of that unit." Press release, upon appointment of Mr. Olsen as Chief of the Bureau of Agricultural Economics, June 26, 1928. "Through training and experience Mr. Olsen is eminently fitted to carry on the activities so ably administered by Mr. Tenny. As a



result of this broad experience \* \* \* (he) has a full appreciation and understanding of the various lines of work in this bureau. In addition he has a sympathetic grasp of the economic problems facing American agriculture and with his background will be able to mobilize the resources of the bureau in their solution." Secretary Jardine in announcing Mr. Olsen's appointment to the chiefship of the Bureau of Agricultural Economics of the U. S. Department of Agriculture, effective July 16, 1928. **Member:** American Farm Economics Association; American Economic Association; World Agricultural Society; Agricultural History Society; American Historical Association; Norwegian-American Historical Association; National Grange; formerly Secretary, now Vice-President, Agricultural History Society. **Biography in** *Rus*, 1925, 1930; *Johns Hopkins Half-Century Directory*, 1926; *Who's Who in the Nation's Capital*, 1926-27; *Who's Who in Government*, 1930; *Who's Who in the East*, 1930; *Who's Who in America*, 1930-31. **Born** at Herscher, Ill., Aug. 31, 1886; brother of Prof. Anna M. Olsen (q.v.).

**OLSEN, PAUL CRANDALL**, A.B., University of Washington (Seattle), 1918; A.M., University of Pennsylvania, 1922. **Instructor in Merchandising**, Wharton School of Commerce and Finance, University of Pennsylvania, Philadelphia, Pa., 1921 to date. Formerly Advertising Manager, Sumner K. Prescott Co., Seattle; with F. Wallis Armstrong Co. (Plans Dept.), Philadelphia; Lecturer on Advertising and Salesmanship, Evening School of Business Administration, Lehigh University, 1922-24; Lecturer on Business Administration, Philadelphia College of Pharmacy and Science, Feb. 1923 to date; Member of Directing Committee, Druggists' Research Bureau, Jan. 1927 to date. **Author** of numerous articles on merchandising published in *Magazine of Business*, *Nation's Business*, *Printers' Ink*, *Advertising and Selling*, *American Druggist*, *Drug Topics*, *Drug Store News*, *Wholesale Drug-*

*gist*, *Good Hardware*, *Progressive Grocer*, *Hardware Dealers' Magazine*, *Men's Wear*, *Journal of American Pharmaceutical Association*, *Annals of American Academy of Political and Social Science*, and many other journals; "Where Does the Drug Store Get its Business?", paper presented to Section on Commercial Interest, American Pharmaceutical Association, Portland, Me., Aug. 1928. **Editor** responsible for many of the publications of the Druggists' Research Bureau; editor, Department of Business Management, *Journal of American Pharmaceutical Association*. **Born** in Seattle, Wash., Dec. 21, 1896; father came from Oslo; other paternal ancestors from Oslo and Trondheim.

**OLSON, BEATRICE**, B.A., University of North Dakota, 1909; M.A., University of Chicago, 1918; Studied at Oxford University, 1929. **Dean of Women and Assistant Professor of English**, University of North Dakota, Grand Forks, N. D., 1923 to date. Deputy County Supt. of Schools, Traill County (Hillsboro), N. Dak., 1903-06; Principal of Rugby (N. Dak.) High School, 1909-10; Teacher of Public Speaking, Fargo (N. Dak.) High School, 1910-12; Head of the Department of English, State Normal and Industrial School, Ellendale, N. Dak., 1912-17; Head of the Department of Public Speaking, Northern Normal and Industrial School, Aberdeen, S. Dak., 1918; Secretary, Extension Division, University of North Dakota, 1919-20; Instructor in English, University of North Dakota, 1920-22; Instructor in English and Acting Dean of Women, same, 1922-23. Has delivered numerous commencement addresses and given talks before local clubs, women's clubs, farmers' clubs, parent teachers associations, and other organizations. **Member:** Zeta Phi Eta (national honorary dramatic); Kappa Alpha Theta; Sigma Epsilon Sigma; Phi Beta Kappa; President, Phi Beta Kappa, 1929—. Member of Board of Directors, University of North Dakota Alumni Association; member of Executive Council, University of North Dakota Sta-

dium Drive. **Born** at Buxton, N. Dak.; paternal grandparents came from Setesdalen; maternal grandparents, from Bergen and Sogn; sister of Dr. Berto A. Olson (q.v.).

**OLSON, BEATRICE T.**, B.S.; M.S., Iowa State College, 1925; Work toward Ph.D., University of Minnesota, 1925-27. **Instructor in Home Economics, University of Minnesota, Minneapolis, Minn., 1925-27.** Principal of High School and Teacher of Home Economics, Hayes Consolidated School, Storm Lake, Iowa, 1923-24; Teaching Fellow in Foods and Nutrition, Iowa State College of Agriculture and Mechanic Arts, 1924-25; Instructor in Home Economics, State Teachers College, East Radford, Va., Summer 1927. **Born** in the United States; mother was born in Bergen.

**OLSON, BERTO A.**, D.D.S., University of Southern California, 1925. **In charge of Clinical Surgery, College of Dentistry, University of Southern California, Los Angeles, Calif., 1927—.** 1st Lieutenant, later Captain, 164th Infantry, overseas Dec. 15, 1917-Aug. 17, 1919. **Born** at Buxton, N. Dak., Dec. 1, 1891; sisters: Ada Lenora Olson (A.M., Phi Beta Kappa), Assistant in Entomology, University of Michigan, since 1924; Odina B. Olson (A.B.), Teacher of Music, University of Michigan High School, since 1926 (see *The Musical Blue Book of America*, 1921-22); brother of Dean Beatrice Olson (q.v.).

**OLSON, EDWARD**, A.B., University of Chicago, 1873; Graduate Student, Universities of Halle, Gottingen, and Paris, 1873-75; A.M., 1875; Ph.D., Kalamazoo College, 1886. **President of the University of South Dakota, Vermillion, S. Dak., 1887-89.** Instructor in Greek and German, University of Chicago, 1875-76; Instructor in Modern Languages, same, 1876-77; Professor of Modern Languages, same, 1877-78; Professor of Greek, same, 1878-85; Member of Faculty of Theological Seminary, 1885-87; Professor of Psychology and Ethics,

and President, University of South Dakota, 1887-89. Winner of 2nd prize, "Myers and Chandler prizes for excellence in oratory and composition combined in original orations," University of Chicago, 1872. Vice-President, University of Chicago Alumni Association, 1877-78. The Edward Olson Professorship Fund, amounting to \$34,695 as of June 30, 1928, and intended to endow a chair in Greek at the University of Chicago, was named in his honor. The influence of President Olson at the University of South Dakota is indicated by the following: During the academic year of 1885-86 the entire university had 7 instructors; during 1889-90 the number had risen to 24; during 1891-92 the number had dropped to 14, with 1 to be supplied. During 1885-86 the students enrolled in the Collegiate Department numbered 12; during 1889-90 there were 56. During 1885-86 the total number of students registered at the university was 195; during 1889-90 the number was 476; in 1891-92 it was 251 (figures taken from the university catalogs for the respective years). **Biography** in Strand's *History of the Norwegians of Illinois*, Chicago, 1905; *Catalog of the University of South Dakota* for 1889-90. **Born** at Veldre, Ringsaker, Aug. 29, 1847; came with father, Ingebreit Olsen Stigen, and mother to a farm near La Crosse, Wis., 1858; brother of the late General S. E. Olsen, prominent merchant of Minneapolis, Member of the Staff of the Governor of Minnesota, 1889-99. The Catalog of the University of South Dakota for 1889-90 contains the following: "In MEMORIAM. Edward Olson, M.A., Ph.D. President of the University of Dakota—1887-1889. Edward Olson was born in Norway, August 29, 1847. At eleven years of age he came to America, his father settling on a farm in Wisconsin. At eighteen the ambition for education possessed him, and he entered the preparatory department of Beloit College, Wisconsin, in 1866. In 1869 he entered the Freshman class in the University of Chicago, where he was graduated with the highest



honors in 1873. The two succeeding years were spent in study in Germany and France, where he acquired a thorough familiarity with the languages of those countries, in addition to his theological and philosophical studies. In 1876 he was graduated at the Union Theological Seminary in Chicago. Having chosen teaching as his life work, he became Professor of the Modern Languages in the University of Chicago. Greek was his favorite study, however, and after a second European trip, during which he visited Greece, he succeeded Dr. Boise in the Greek Chair at the University. When the University closed its doors because of financial embarrassments, he was called to a position in the Theological Seminary, and was called thence to the Presidency of the University of Dakota in 1887. In the full success of an educational work of the highest importance to South Dakota and the Northwest, he was suddenly stricken down. Visiting his brother in Minneapolis at the Thanksgiving season, he was among those caught by the fire in the *Tribune* building on the night of November 30, 1889, and while descending the fire escape was thrown to the ground and instantly killed. President Olson was remarkable in personality and scholarship. He was a natural leader as well as a born teacher. His energy and enthusiasm were contagious. His character was Christian, inspiring and uplifting. His work for the University will be lasting in its results. The rapid progress made in the brief period of his administration is in many respects without parallel in educational annals. He was the founder of the institution in its present character and scope. He placed its Collegiate Department upon the highest plane, created a Faculty zealous, able, and devoted, and gathered a body of nearly five hundred students, impressing upon the entire institution his own noble, generous, and scholarly spirit. He well illustrated the lesson which he learned from the life and teaching of the Great Teacher, 'The Dignity of

Service, and the Nobility of Sacrifice.'"

**OLSON, FREDERICK ADOLF**, A.B., University of Minnesota, 1905; M.S., *ibid.*, 1918; M.D., University of Chicago, 1908. **Instructor in Surgery, University of Minnesota, Minneapolis, Minn., 1919—**. House Officer, Cook County Hospital, Chicago, 1908-09; St. Mary's Hospital, Rochester, Minn., 1909-11; Research Assistant in Medicine, University of Minnesota, 1911-13; Physician and Surgeon, Minneapolis, 1916 to date; Associate Surgeon, Minneapolis General Hospital. **Member:** American Medical Association; American Urological Association; Alpha Kappa Kappa; Fellow, American College of Surgeons. **Biography in** *Who's Who in American Medicine*, 1925. **Born** at Wells, Minn., May 9, 1884; son of M. and Anna (Bakken) O.

**OLSON, GEORGE ALFRED**, B.S.A., University of Wisconsin, 1902; M.S., *ibid.*, 1908. **Instructor in Agricultural Chemistry, University of Wisconsin, Madison, Wis., 1903-08.** Assistant Chemist, Wisconsin Experiment Station, 1902-08; Assistant Chemist, Washington Experiment Station, Pullman, Wash., 1908-10; Chemist, Washington Experiment Station, 1910-12; Head of Division of Agricultural Chemistry, same, 1912-21; Agricultural Director, the Gypsum Industries, Chicago, 1921 to date; Also State Chemist, Washington, 1916-21; Federal Collaborating Chemist, 1916-21. **Author:** *How to Make Bread from Soft Wheat Flour*, Washington Agricultural Experiment Station Popular Bulletin No. 47, 1912; *Report on Chemical Composition of Wheat*, Wash. Agr. Exp. Sta. Pop. Bull. No. 68, 1914; *Home Preparation of Breakfast Foods and Flour from Whole Grain*, Wash. Agr. Exp. Sta. Pop. Bull. No. 112, 1917; *The Quantitative Determinations of mono, di, and tri Calcium Phosphates and their Application*, Wash. Agr. Exp. Sta. Bull. No. 116, 1914; *Gluten Formation in the Wheat Kernel*, Wash. Agr. Exp. Sta. Bull. No. 142, 1917; *The Estimation of Sulfer in Plant Mate-*

*rial and Soil*, Wash. Agr. Exp. Sta. Bull. No. 145, 1917; also many other bulletins, and more than 1,000 technical, popular, and scientific articles published in various journals. During his service as chemist has analyzed about 30,000 different products. **Member:** American Chemical Society; Society of Agricultural Chemists; American Society of Agronomists; Association of Food Chemists; Society of Milling and Baking Technique; Institute of Inventors; Chairman, Secretary, and Councilor, Intermountain Section, American Chemical Society. **Biography** in *American Men of Science*, 1910, 1921, 1927; *Rus*, 1920, 1925, 1930. **Born** in Chicago, Ill., Dec. 11, 1874; father came from Vaaler, Solør, near Eidsvold; mother born in Drammen.

**OLSON, HAZEL ELIZABETH**, A.B., Tabor College; M.S., University of Chicago; Additional Work, University of Illinois. **Associate Professor of Biology**, Illinois Woman's College, Jacksonville, Ill., 1928—. **Teacher**, High School, Audubon, Iowa, 1920-22; **Instructor** in Zoology and Entomology, Iowa State College of Agriculture and Mechanic Arts, 1924-25; **Instructor** in Biology, Illinois Woman's College, 1925-28. **Born** in Iowa; parents came from Ullensaker, Akershus fylke.

**OLSON, JULIUS EMIL**, B.L. (with honors), University of Wisconsin, 1884. **Professor and Head of the Department of Scandinavian Languages and Literatures**, University of Wisconsin, Madison, Wis., 1892 to date. **Instructor** in Scandinavian Languages and Literatures, University of Wisconsin, 1884-87; **Assistant Professor**, same, 1887-92. **Author:** *Norwegian Grammar and Reader, with Notes and Vocabulary*, Scott, Foresman & Co., Chicago, 1898; *Review of the Problem of the Northmen and the Site of Norumbega*, reprinted from the *Chicago Dial*, Sept. 1890; article on "Vinland" in *Encyclopedia Britannica*; several chapters in *Norway Through the Stereoscope*, 1908; article on "Literature and the Press" in *Norwegian*

*Immigrant Contributions to America's Making*, New York, 1921; various articles contributed to magazines; several university songs, including "Prexy Van Hise" (words and music published in *Wisconsin Alumni Magazine*, May 1911), and "The Badger Song;" collaborator on Nelson's *History of the Scandinavians and Successful Scandinavians*, Vol. 2, Minneapolis, 1897; paper on "Lincoln in Wisconsin" read before the Mississippi Valley Historical Association, Greencastle, Ind., April 29-May 1, 1920; also numerous other papers read before learned organizations. **First orator**, Norway Day, Chicago World's Fair; has delivered about 100 different lectures and addresses at various places throughout the Northwest, some of which have been published in pamphlet form. **Translator**, Lauridsen's *Vitus Bering, the Discoverer of the Bering Strait*, S. C. Griggs & Co., Chicago, 1889. **Editor:** Ibsen's *Brand*, 1908; "The Voyages of the Northmen" in Vol. 1 of the series *Original Narratives of Early American History*, Scribners, New York, 1906; editor of the University of Wisconsin publications, 1900-07. **Member:** Wisconsin State Historical Society; American-Scandinavian Foundation; Psi Upsilon; Charter member, Ygdrasil (literary society, University of Wisconsin); Charter member and signatory inviting member at the time of the organization, Society for the Advancement of Scandinavian Study; first President, same; former President, Language and Literary Club, University of Wisconsin. **Chairman**, Committee on Public Functions, University of Wisconsin, 1887 to date; **Chairman**, Committee on Loans and Scholarships, University of Wisconsin, 1905 to date. **State Chairman** (Wisconsin), Norse-American Centennial, Minneapolis, 1925. **Knight**, Order of St. Olav. **Delegate** from the University of Wisconsin to the Abel Centennial, Oslo, 1903; **Invited** by the Norwegian Government to attend the Ibsen Centenary Festivities, Oslo, 1928. **Traveled** in Norway, Denmark, Sweden, Germany, Austria, France, and Switzerland, 1910. As a member of the faculty of the Uni-



versity of Wisconsin for a period (in 1931) of 47 years, has taken a prominent part in the affairs and progress of the university. Conducted a War Convocation at the Stock Pavilion, May 3, 1917, "probably the largest and most noteworthy ever held at the University." Instrumental in the naming of the *Muir Knoll* on the university campus, dedicated with impressive ceremonies in 1918. "It was one of the happiest inspirations of our fertile-minded friend, Professor Julius Olson, who has arranged so many successful programs, to associate Founders Day with the birthdays of Washington and Lincoln." Dean Sellery, Founders Day, Feb. 20, 1920. "One of the very chief interpreters of poetry in our midst." Dean Smith. *Biography* in Nelson's *History of the Scandinavians and Successful Scandinavians*, Minneapolis; *Scandinavian Studies and Notes*, 1925; *Minneapolis Tidende*, Jan. 12, 1928; *Who's Who in America*, since 1910-11 ed.; and numerous other publications. Born at Cambridge, Wis., Nov. 9, 1858; father, Hans Olson, was born at Stune, Nöstvedt, Norby Parish, near Dröbak, and came to the United States in 1852 with wife and 6 children; mother, Karen (Fjeld) Olson, was born in Öst Sinni Annex, Land Parish, her parents residing near the gaard of Berg; brother-in-law of Hon. R. B. Anderson (q.v.); uncle of Dr. Arthur K. Anderson (q.v.).

**OLSON, NORMAN EVERETT**, B.S. in Dairying, Iowa State College, 1915. Associate Professor of Dairy Husbandry, Kansas State Agricultural College, Manhattan, Kans., 1921-25. Instructor in Dairy Husbandry, Kansas State Agricultural College, 1915-17; Assistant Professor, same, 1918-20; also in charge of the Department of Dairy Manufactures; in commercial work, 1925 to date. Author: *The Ice Cream Mix* (with A. C. Baer), Olsen Pub. Co., Milwaukee; several research papers on Bacteria in Ice Cream (with A. C. Fay), *Journal of Dairy Science*; also various articles in trade jour-

nals. Addresses delivered at a number of conventions of ice cream manufacturers. Member: American Dairy Science Association; Phi Kappa Phi; Gamma Sigma Delta. Born in Chicago, Ill., 1892; grandparents (Nordahl and Gunheim) were born in Norway; cousin, Raymond Johnson, is a Teacher of Manual Arts in Tulsa, Okla.

**OLSON, OSCAR ANTON**, B.M.E., Iowa State College, 1908; M.E., *ibid.*, 1914. Assistant Professor of Mechanical Engineering, Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa, 1915 to date. Instructor in Mechanical Engineering, same, 1913-15. Inventor and manufacturer of the Ames Lettering Instrument. "There is no lettering device of which I have any knowledge, that approaches it in simplicity, neatness, accuracy and range of work. It is a satisfaction to know that the instrument is carrying the word 'Ames' to all parts of the United States, and to every country of the world where engineering work is being done." Prof. Warren H. Meeker, Head of the Department of Mechanical Engineering, Iowa State College. Holder of several other patents. Born in Norway; parents from Oslo and Tönsberg.

**OLSON, PETER JOHN**, B.S., North Dakota Agricultural College, 1910; M.S., University of Illinois, 1913. Assistant Professor of Agronomy, University of Minnesota Central School of Agriculture, St. Paul, Minn., 1913-18. Assistant Agronomist, North Dakota Agricultural Experiment Station, Fargo, N. Dak., 1924 to date. Author: "Ear Type Selection and Yield in Corn," (with C. P. Bull and H. R. Hayes), *Minnesota Agricultural Experiment Station Bulletin* 174, pp. 3-60, 1917; "First Generation Crosses between Minnesota Corn Varieties" (with H. R. Hayes), *Minn. Agr. Exp. Sta. Bull.* 183, pp. 4-22, 1919; "A Study of the Relation of some Morphological Characters to Lodging in Cereals" (with R. J. Garber), *Journal of American Society of Agronomy*, Vol.

13, pp. 41-43, 1919; "Tasseling and Silking as Criteria of Comparative Earliness in Corn," *ibid.*, Vol. 19, pp. 454-460, 1927; "Corn for North Dakota" (with H. L. Walster and T. H. Hopper), *North Dakota Agricultural Experiment Station Bulletin* 207, pp. 9-106, 1927. **Member:** American Society of Agronomists; American Genetic Association; Alpha Zeta; Phi Kappa Phi. **Biography in** *Rus*, 1918, 1920, 1925, 1930; *American Men of Science*, 1927. **Born** at Grafton, N. Dak., Oct. 12, 1887; parents came from Aardal, Jølster, Søndfjord.

**OLSON, THEODORE A., —.** Instructor in Economic Entomology, University of Minnesota, Minneapolis, Minn., 2nd Semester 1926-27, and 1927-28. **Born** in the United States; paternal grandparents came from Oslo.

**OLSON - LIER, CHARLES NICHOLAS**, Di.B., Highland Park College, 1896; M.D., Drake University, 1901. Instructor in Dietetics and Electro-Therapeutics, Drake University, Des Moines, Iowa, 1906-12.

**ONSGARD, HENRY ADOLPH**, A.B., Luther College, 1911; Graduate Work, University of Leipzig, 1912-13; A.M., University of Wisconsin, 1918; work for Ph.D., University of Chicago, 1930-31. **Professor of European History and History of Education**, Northern State Teachers College, Aberdeen, S. Dak., 1915-30; **Professor of History**, University of Wichita, 1931—. **Institute Instructor and Lecturer.** **Author** of various articles in magazines. **Member** of several educational organizations. **Born** in the United States; paternal grandfather came from Hallingdal in 1841.

**OPPERUD, MARGARET**, Instructor in the School of Agriculture, South Dakota State College of Agriculture and Mechanic Arts, Brookings, S. Dak., 1921-23.

**ORBECK, ANDERS**, A.B., University of Minnesota, 1913; A.M., *ibid.*, 1914; Ph.D., Columbia University, 1927. **Professor of English**,

**University of Rochester, Rochester, N. Y., 1927 to date.** Instructor, St. Paul Normal School, 1914-16; Instructor in English, University of Montana, 1916-20; Instructor in English, Columbia University, 1921-22; American-Scandinavian Foundation Fellow, Norway, 1922-23; Instructor in English, Columbia University, 1923-24; Assistant Professor of English, University of Rochester, 1925-27; also Instructor in English, Hunter College, Evening Session, 1920-21, 1923-25, and Summer Sessions 1925, 1926; Associate Professor of English, Columbia University, Summer Session 1926; Professor of English, Columbia University Graduate School, Summer Session 1927. **Author:** *Early New England Pronunciation* as reflected in some seventeenth century town records of Eastern Massachusetts (thesis for Ph.D.), G. Wahr, Ann Arbor, Mich., 1927; "The Norwegian Students Association," *American-Scandinavian Review*, Feb. 1925; "The Norwegian National Theater," *ibid.*, 1926; "Ibsen's Revision of Catiline," paper presented to Modern Language Association of America, Baltimore, Md., Dec. 1921. **Translator:** *Ibsen's Early Plays*, American-Scandinavian Foundation, New York, 1921; *Norway's Best Stories: An Introduction to Modern Norwegian Fiction* (a selection of short stories by Björnson, Lie, Kielland, Garborg, Skram, Bull, Hamsun, Krag, Kinck, Aanrud, Hilditch, Egge, Bojer, Scott, Duun, Falkberget, Fønhus, and Undset), American-Scandinavian Foundation and W. W. Norton, New York, 1927; also translations from J. B. Bull, Jonas Lie, and Johan Falkberget, and Review of Weigand's "The Modern Ibsen," in *American-Scandinavian Review*, 1924-26. **Member:** Modern Language Association of America; on Research Staff, International Auxiliary Language Association. Chairman, Montana State Council of Teachers of English, 1916-17, 1919-20; President, Montana State High School Debating League, 1919-20. **Born** at Eau Claire, Wis.; parents were born at Eidsvold, and came to the United States in 1880.



**ORBECK, MARTIN J., C.E.,** M.S. Assistant Professor of Descriptive Geometry and Drawing, University of Michigan, Ann Arbor, Mich., 1919-23. Instructor in Descriptive Geometry and Drawing, same, 1914-19; now Civil Engineer with Holland, Ackerman & Holland, Ann Arbor, Mich.

**ORDAHL, GEORGE, B.S.,** Valparaiso University, 1890; A.B., University of Oregon, 1905; A.M., *ibid.*, 1906; Ph.D., Clark University, 1908. Professor of Psychology and Education, University of Nevada, Reno, Nev., 1911-14. Principal of Public Schools, Merrillville, Ind., 1900-01; Corvallis, Mont., 1901-03; Fellow, Clark University, 1906-08; Professor of Psychology and Education, Geneva College, 1908-09; Assistant Professor of Psychology and Education, University of Nevada, 1909-11; also Director of the Summer School for Teachers, University of Nevada, 1912-14; State Psychologist, Illinois, 1914-15; Fellow and Lecturer on Mental Deficiency, Stanford University, 1915-16; Clinical Psychologist and Educational Director, Sonoma State Home, Eldridge, Calif., 1916 to date. **Author:** *The College Curricula: A Study of Required and Elective Courses in American Colleges and Universities*, University of Nevada Bulletin, Jan. 1910; "Rivalry: Its Genetic Development and Pedagogy," *Pedagogical Seminary*, Dec. 1908; "Qualitative Differences between Levels of Intelligence in F. M. Children" (with Louise E. Ordahl), *Journal P—A* (Faribault, Minn.), June 1915; "A Study of Fifty-three Male Convicts," *Journal of Delinquency*, March 1916; "A Study of 341 Delinquent Boys," *ibid.*, May 1916; "Mental Defectives and the Juvenile Courts," *ibid.*, Jan. 1917; "A Study of 49 Female Convicts" (with Louise E. Ordahl), *ibid.*, Nov. 1917; "A Study of Delinquent and Dependent Girls" (with Louise E. Ordahl), *ibid.*, March 1918; "Industrial Efficiency of the Moron," *The Training School Bulletin* (Vineland, N. J.), Feb. 1919; "Heredity in Feeble-mindedness," *ibid.*, March-April, 1919;

"Diagnosis of the Unstable Moron," *Journal of Delinquency*, March 1923. Contributor to *A Cyclopaedia of Education*, New York, 1913. **Member:** American Psychological Association; American Association for the Study of the Feeble-minded. **Biography in American Men of Science**, 1927. **Born** at Austin, Minn., April 21, 1874; paternal ancestry Norwegian; maternal ancestry Danish.

**ORE, ØYSTEIN, Ph.D.,** University of Oslo, 1924. **Professor of Mathematics, Yale University, New Haven, Conn., 1929—.** International Education Board Fellow, Gottingen and Paris, 1924-26; Universitetsstipendiat, University of Oslo, 1925; Assistant Professor of Mathematics, Yale University, 1927-28; Associate Professor of Mathematics, Yale University, 1928-29. **Author of the mathematical articles in** *Aschehougs Konversationsleksikon*, Oslo, 1920-25; *Ueber die Reduzibilität von algebraischen Gleichungen*, Det Norske Videnskaps-akademis Skriffter. 1. Matematisk-Naturvidenskabelig klasse, 1923, No. 1; *Die Dedekindschen Sätze über den Zusammenhang Zwischen den Idealen und den höheren Kongruenzen*, same, 1923, No. 22; *Kriterien für Gleichungen mit primitiven Gruppen*, same, 1924, Bind 2, No. 18; also about 35 mathematical papers published in *Norsk Matematisk Tidsskrift*, *Videnskabselskabets Forhandlingar*, *Acta Mathematica* (Stockholm), *Mathematische Zeitschrift* (Berlin), *Mathematische Annalen* (Berlin), *Acta Litterarum* (Hungary), *Rendiconti del Circolo Matematico di Palermo* (Italy), and various other mathematical journals, 1921-28; "Some Theorems on the Connection between Ideals and Groups of a Galois field," *Transactions of the American Mathematical Society*, July 1928. Series of Lectures on Algebraic Numbers delivered in Stockholm, 1923. Papers read at the Scandinavian Mathematical Congress, Helsingfors, 1922, Copenhagen, 1925; International mathematical Congress, Helsingfors, 1922, Canada, 1924, Bologna, Italy, 1928. Some of the results of his later papers are given in R. Fricke's *Algebra*, Vol. III, Braunschweig,

Germany, 1928. **Editor** of the Collected Works of R. Dedekind, German mathematician; Collected Works of Richard Birkeland, lately of Norway Institute of Technology, Trondheim. **Member:** Oslo Academy of Science; American, French, German, and Norwegian Mathematical Societies; Sigma Xi, Yale University Chapter. **Born** in Oslo, Norway, 1899; father, lektor M. O. Ore, is the author of various educational books, particularly in the field of drawing.

**ORFIELD, LESTER BERNHARDT**, B.A., University of Minnesota, 1924; LL.B., University of Minnesota, 1927; M.A., Duke University, 1928; S.J.D., University of Michigan, 1929. **Assistant Professor of Law**, University of Nebraska, Lincoln, Neb., 1929—. **Assistant in Political Science**, University of Minnesota, 1926-27; **Graduate Assistant in Political Science**, Duke University, 1927-28; **Graduate Fellow**, University of Michigan Law School, 1928-29. **Author:** "The Federal Amending Power," *Michigan Law Review*, 1929-30; "Equity as a Concept of International Law," *Minnesota Law Review*, 1929-30. **Student editor**, *Minnesota Law Review*, 1925-27. **Member:** Phi Beta Kappa; Delta Sigma Rho (national honorary fraternity); Phi Gamma Delta; Lawyers Club, University of Michigan. **Winner** of Dr. Ivar Sivertsen Prize, awarded to the best student of Norwegian at Central High School, Minneapolis, 1921; 1st place in Gale Prize Essay and Oratorical Contest, Central High School, Minneapolis, 1921; **Graduate** of Central High School, Minneapolis, with an all "A" scholastic average, 1921; 3rd prize, Freshman - Sophomore Oratorical Contest, University of Minnesota, 1922; **Captain** of Intercollegiate Debating Team, University of Minnesota, March and December, 1923; **President** of Law School Council, University of Minnesota, 1926-27; **Treasurer**, Duke University Graduate Club, 1927-28. **Born** at Belview, Minn., April 1, 1904; father, Anders C. Orfield, came from Mo, Ranen, Helgeland;

mother's father, from Bergen; mother's mother, from Slesvig, Denmark; nephew of H. M. Orfield, formerly member of Minneapolis Charter Commission, President of Parent-Teachers' Association, Horace Mann School, Minneapolis, and Candidate for Congress in Special Election, June 1929; grandnephew of the late Rev. Ole Tobias Olsen, noted Pastor of Nordland and Oslo; grandnephew of the late Rev. Anders Chr. Olsen of Herscher, Ill. (see Prof. Anna M. Olsen); first cousin of M. W. Rice, President of Disabled Veterans of the United States of America; brother of Anders C. Orfield, Jr., tennis champion; nephew of Dr. M. N. Orfield (q.v.).

**ORFIELD, MATTHIAS NORDBERG**, B.A., University of Minnesota, 1908; M.A., *ibid.*, 1909; LL.B. (cum laude), *ibid.*, 1912; Ph.D., *ibid.*, 1913. **Instructor in Political Science**, University of Minnesota, Minneapolis, Minn., 1913-14; **Lecturer on Political Science**, same, 1918-19. **Practising attorney**, Minneapolis. **Author:** *Federal Land Grants to the States*, 275 pp., University of Minnesota Studies in the Social Sciences 2, Minneapolis, 1915; "Public Land Heritage of Minnesota," *Western Magazine*; "Henrik Ibsen," poem in *Minneapolis Tidende*, March 29, 1928. **Member:** American Political Science Association; Phi Beta Kappa, University of Minnesota; Delta Sigma Rho, same. **Winner** of First Place in Minnesota Intercollegiate Oratorical Contest held under the auspices of the W. C. T. U., 1908; **Member** of Intercollegiate Debating Team representing University of Minnesota, 1911, 1912; awarded the Albert Howard Scholarship by the University of Minnesota, 1908, 1912; awarded the *Alumni Weekly* Gold Medal by the University of Minnesota for the best work in Forensics by a member of the graduating class, 1912. **Born** at Herscher, Ill., 1884; parents came from Mo, Ranen, Helgeland; nephew of the late Rev. Ole Tobias Olsen, well-known Pastor of Nordland and Oslo; cousin of Dr. Örjan



Olsen, of the University of Oslo, internationally known zoologist and ethnographer; cousin of Helgfrid Orvin, of the Norwegian Legation, Washington, D. C.; nephew of Provst A. F. Prytz of Oslo; cousin of Hon. N. H. Bjeldanes, lately Probate Judge, Madison, Minn.; brother, D. J. Orfield, is Teacher of Norwegian, Central High School, Minneapolis; cousin of Prof. Anna M. Olsen (q.v.), and N. A. Olsen (q.v.); uncle of Prof. Lester B. Orfield (q.v.)

**OSTBY, GENA SOPHIA BERTINA**, A.B., University of Minnesota, 1914; Graduate Work, University of California, 1925. **Instructor in Secretarial Science**, State College of Washington, Pullman, Wash., 1923-25. Teacher in High Schools, 7 years; Member of faculty, Kansas State Teachers College, 1921-23; Teacher of Commercial Subjects, State Teachers College, Mayville, N. Dak., 1925 to date.

**OSTERUD, HJALMAR LAURITZ**, A.B., University of Washington (Seattle), 1909; A.M., *ibid.*, 1910; Ph.D., University of Minnesota, 1921. Professor of Anatomy, Medical College of Virginia, Richmond, Va., 1924 to date. Assistant in Botany and Zoology, University of Washington, Seattle, 1907-10; Instructor in Zoology, same, 1911-17; Teaching Fellow in Anatomy, University of Minnesota, 1917-18; Instructor in Anatomy, same, 1918-19; Professor of Anatomy, University of Alabama, 1919-20; Instructor in Anatomy, University of Minnesota, 1920-21; Assistant Professor of Anatomy, same, 1921-22; Associate Professor of Anatomy, Medical College of Virginia, 1922-24. **Author:** Articles on the embryology of marine forms, published in *Puget Sound Biological Station Publications*, Friday Harbor, Wash., 1917, 1918; on problems of growth, in *Mayo Foundation Volume*, 1923, and *Anatomical Record*, 1925, 1927. Lectures delivered before the Pacific Section, American Association for the Advancement of Science, Seattle, 1916, and before the American Association of Anatomists,

1925, 1927, 1928. **Member:** American Association of Anatomists; American Chemical Society; American Association for the Advancement of Science; Virginia Academy of Science; Sigma Xi; Phi Beta Kappa. **Biography in *American Men of Science***, 1927. **Born** at Spring Valley, Minn., March 15, 1883; son of Lauritz H. Osterud, architect of Seattle; paternal grandfather came from Hurdalen in 1860, settled at Ostrander, Minn.; paternal grandmother, also from Hurdalen; maternal grandparents came from the vicinity of Gjøvik; sister, Nena D. Osterud, is in educational work of the Washington State Tuberculosis Association.

**OSTIEN, JULIE WINGE** (Mrs. Ostien), B.S. Instructor in History and English, Agricultural College of Utah, Logan, Utah, 1903-04; Instructor in History, same, 1906-07. **Born** in Norway; deceased.

**OTTERSEN, RUDOLPH, A.B.**, Concordia College, Moorhead, Minn., 1918; A.M., University of Wisconsin, 1926. **Assistant Professor of History**, North Dakota Agricultural College, Fargo, N. Dak., 1929—. Instructor in History, North Dakota Agricultural College, 1926-29. **Member:** American Historical Association; Mississippi Valley Historical Association; Phi Kappa Phi. **Born** in the United States.

**OTTOSEN, PETER HILL**, C.E., Iowa State College, 1908; Major, Coast Artillery Corps, U. S. Army. **Assistant Professor of Military Science and Tactics**, in charge of Coast Artillery Unit, Massachusetts Institute of Technology, Cambridge, Mass., 1929—. Officer in the Coast Artillery Corps, U. S. Army, 1908 to date. Engaged in submarine mine work, including an inspection tour with Major-General Arthur Murray to Alaska, and hydrographic surveying, testing, splicing, and laying of cable, handling of high explosives, etc., on Puget Sound, Pacific Coast, four and one-half years; cable work on Manila Bay, Philippine

Islands, one year; organized and took to France the 3rd Trench Mortar Battalion, a separate unit not part of any division; with the First American Army, participating in the Meuse-Argonne offensive, being promoted to Lieutenant-Colonel; Assistant Professor of Military Science and Tactics, Massachusetts Institute of Technology, 1920-24. Member, Phi Beta Phi. **Biography** in *Iowa Engineer*, Dec. 1927. **Born** at Badger, Iowa, July 3, 1885; father came from Bergen.

**OVERN, ALFRED VICTOR**, B.A., University of Minnesota, 1915; M.S., *ibid.*, 1926; Ph.D., *ibid.*, 1930. **Professor of Education**, University of North Dakota, Grand Forks, N. Dak., 1930—. **Supt. of Schools**, Hills, Minn., 1915-17; **Supt. of Schools**, Alden, Minn., 1917-23; **Examiner**, Trade Test Section, U. S. Army, 1918-19; **Principal of High School**, Hutchinson, Minn., 1923-27; **Instructor in Education**, South Dakota State College, Fall 1928; **Head of the Department of Education**, Augsburg College, Minneapolis, Minn., 1929-30. **Author**: *Cost of Collecting School Taxes in Minnesota* (with others), University of Minnesota Research Bulletin, Jan. 1926; *Indices of Supply and Demand of Teachers in Minnesota*, University of Minnesota Press, 1931; "Costs and Procedure of School Tax Collection and Control of School District Incomes," *American School Board Journal*, March-April, 1927; also various other articles on educational topics. **Member**: N.S.S.E.; M.S.S.E.; National Education Association; North Dakota Education Association. **Born** in the United States; paternal grandfather, O. H. Overn, came from Ringerike; paternal grandmother, Sofie (Paulsrud) Overn, came from Gausdal, Gudbrandsdalen; maternal grandfather, Wieding, came from Arendal; maternal grandmother came from Holt, Nedenes, near Christiansand S.; father, the late Rev. A. G. H. Overn, served as Pastor in Illinois, Wisconsin, Minnesota, Missouri, and Utah, 1879-1905; brother of Profs.

Luella, Orlando, and Oswald Overn (qq.v.).

**OVERN, LUELLA**, B.A., State University of Iowa, 1920; M.S., University of Chicago, 1926. **Professor of Home Economics**, Iowa State Teachers College, Cedar Falls, Iowa, 1928—. **Teacher of Home Economics**, Public Schools, Minnesota and Iowa, 7 years; **Teacher of Home Economics**, St. Olaf College, 1920-21; **State Teachers College**, Mayville, N. Dak., 1921-24; **Instructor in Home Economics**, Iowa State Teachers College, Cedar Falls, 1925-28. **Author**: *Laboratory Outline for Classes in Food Preparation*, copyright 1928; *The School Recipe File, or Recipes for the Individual*, copyright 1928. **Address** on "Home Economics in the Rural School" delivered before the Northeast Division, North Dakota State Teachers Association; **address** on "How to Select a Course of Study for Foods and Cookery in Grades and High Schools" delivered before the Northeast Division, Iowa State Teachers Association. **Member**: State and National Home Economics Associations; State and National Education Associations. **Born** in Mankato, Minn.; sister of Alfred V. Overn (q. v.).

**OVERN, ORLANDO E. A.**, A.B., University of Minnesota, 1908; A.M., University of Chicago, 1921; **Add. Graduate Work**, University of Chicago, one year. **Professor of Psychology and Education and Director of the Normal School**, Huntington College, Huntington, Ind., 1925-27. **Formerly Teacher in Rural School**, 1 year; **Principal of Village Schools**, 5 years; **Supt. of Schools**, 2 years; **Teacher of Mathematics**, High School, Anaconda, Mont., 2 years; **Teacher of Latin**, Mercersburg (Pa.) Academy, 1 year; **Professor of Psychology and Education**, Gustavus Adolphus College, St. Peter, Minn., 1 year; **Teacher of Mathematics**, Harrison Technical High School, Chicago, 1927 to date. **Author** of a text-book in geometry for the tenth grade (in



preparation; the manner of presenting the subject of geometry in this text-book involves a complete reconstruction of geometry teaching, making problem-solving rather than demonstration the fundamental method by which the subject is acquired); expects to work out a dissertation for his Ph.D. in the field of improvement in mathematics teaching in secondary schools, after which he plans to return to college teaching. **Member**, National Council of Teachers of Mathematics. **Born** at La Crosse, Wis., Oct. 7, 1885; brother of Alfred V. Overn (q. v.); father-in-law, the late Andrew Anderson (born in Hadeland), was a well-known architect, designer and builder of the State Hospital for the Insane, near Madison, Wis.; brothers-in-law: the late Commander Martin A. Anderson of the U. S. Navy; Carl Thomas Anderson, cartoonist for *Life* and other New York publications; Isaac Anderson, teacher at Park Region Luther College, Fergus Falls, Minn., 1892-97, and journalist in New York since 1897; brother of Prof. Luella Overn (q. v.), and Prof. Oswald B. Overn (q. v.).

**OVERN, OSWALD BENJAMIN**, B.A., University of Minnesota, 1912; M. S., State University of Iowa, 1918; Graduate Student, University of Chicago, 1919-20. **Professor of Physics, Concordia College, St. Paul, Minn., 1920 to date.** Instructor in Physics and Mathematics, Luther College, 1912-16; Professor of Physics and Mathematics, Luther College, 1916-19; member of faculty of Luther Institute, Chicago, 1919-20. **Author:** *A Laboratory Manual of Physics* (in preparation); "The Tungsten X-Ray Spectrum," *Physical Review*, N. S., Vol. XVI, Dec. 1920; "An Absolute Scale of X-Ray Wavelengths," *ibid.*, Vol. XVIII, Nov. 1921; "Why Does the Scientist Misunderstand Us?," *Alma Mater* (St. Louis), April 1927. **Pianist. Member:** American Physical Society; American Association for the Advancement of Science; Society of Sigma Xi; Fellow, Iowa Academy

of Science. **Biography in** *School Calendar*, 1924; *American Men of Science*, 1927. **Born** at Mankato, Minn., Jan. 26, 1891; brother of Dr. A. V. Overn (q. v.).

**OVERSETH, OLIVER ENOCH**, B.S., M.S. Instructor in Soils, Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa, 1923-28. Assistant, same, 1922-23.

**OVREBO, PAUL J.**, A.B., St. Olaf College, 1923; Ph.D., University of Chicago, 1928. **Professor of Physics, Susquehanna University, Selinsgrove, Pa., 1930—.** Teacher, Colgate (N. Dak.) Consolidated School, 7th and 8th grades, 1919-20; Supt. of Goodridge (Minn.) Public Schools, 1923-25; Instructor in Physics, West Virginia University, 1928-29; Assistant Professor of Physics, West Virginia University, 1929-30. **Author:** "Effect of Pressure on the Arc Spectrum of Platinum; Spectral Terms and Classification," abstract of thesis for Ph.D., University of Chicago *Science Series*, Vol. VI, 1927-28; "Spectral Terms of Platinum," *West Virginia Academy of Science*, 1929-30; "Spectral Terms of Platinum," paper presented to the American Physical Society, April 1928 and April 1929. Member of St. Olaf Lutheran Choir, 1921-23; member of University of Chicago Choir, 1925-28. Awarded Service Scholarship, University of Chicago, 1926-28. **Member:** American Physical Society; West Virginia Academy of Science; Sigma Xi. **Born** at Summit, S. Dak., Aug. 3, 1901; father, Rev. O. J. Ovrebø, Aneta, N. Dak., came from Lyster, Sogn; mother's parents came from Trysil, Østerdalen; mother's uncle, Prof. Olav Lee, is Professor of Latin at St. Olaf College (see *School Calendar*); mother is first cousin of Dr. Konrad O. Lee (q. v.).

**OVREGAARD, KNUTE**, Graduate, State Normal School, River Falls, Wis., 1903; B.A., University of Montana, 1925; M.A., University of Washington, Seattle, 1928.

**Head of the Department of German, College of Idaho, Caldwell, Ida., 1929—** Principal of Schools, Hebron and Velva, N. Dak., 1903-07; lumber dealer, Hysham, Mont., 1907-14; Teacher of History, College of Montana, Deer Lodge, Mont., 1914-15; Head of the Social Science Department, High School, Terry, Mont., 1915-27. **Author** of various articles on Industrial Education, Norwegian Literature, and other subjects contributed to local newspapers. Addresses delivered before school gatherings, commercial clubs, and other bodies. **Member:** State Teachers Associations of various States; Chairman, Foreign Language Section, Idaho Education Association. **Born** at Vik, Sövden, Söndmör, 1873; attended Voldens höiere almueskole, 1 year; came to Clear Lake, Iowa, in 1893.

**OWRE, ALFRED, D.M.D.,** University of Minnesota, 1894; M.D., C.M., College of Physicians and Surgeons, Minneapolis, 1895; B.A., University of Minnesota, 1910; Sc.D., Columbia University, 1929. **Dean of the School of Dental and Oral Surgery and Professor of Dentistry, Columbia University, New York, N. Y., 1927 to date.** Student Assistant in Operative Dentistry, College of Dentistry, University of Minnesota, 1893-94; Instructor in Dental Metallurgy, same, 1895-96; Instructor in Operative Dentistry and Dental Metallurgy, same, 1896-97; Clinical Professor of Operative Dentistry, same, 1899-1905; Dean of the College of Dentistry and Professor of Theory and Practice, same, 1905-27. Instructor in Military Hygiene and Sanitation, S. A. T. C., University of Minnesota, 1919; Organized Preliminary Courses for Reserve Officers, University of Minnesota, 1918-19; Organized Courses for Pharmacists' Mates, U. S. Navy, University of Minnesota, 1918; Major, Dental Officers Reserve Corps, 1922-24; Lieutenant-Colonel, same, 1924 to date; Expert Examiner in connection with the examination for Dentist-Municipal Civil Service Commis-

sion, City of New York. **Author:** Chapter on "Filling Materials: Their Characteristics, Indications of their Use, and Methods of Manipulation" in C. N. Johnson's *Textbook of Operative Dentistry*, 1908, 2nd ed. 1911, 3rd ed. 1915, 4th ed. 1923; History of the College of Dentistry of the University of Minnesota, in *Forty Years of the University of Minnesota; Minutes and Proceedings of the Dental Faculties Association of American Universities, 1908-1924* (re-edited), University of Minnesota, 1924; *Prunes or Pancakes*, University of Minnesota Press, 1926; *Pocket Guide to Food Conservation* (pamphlet, with others), University of Minnesota, 1918; *Learn the Rules of the Game* (pamphlet), University of Minnesota, 1920; *The Foundation of Oral Hygiene*, read before American Academy of Periodontology, Cleveland, Sept. 1923, published in pamphlet form by University of Minnesota, 1924, reprinted in *American Dental Journal*, April 1925; *Diet and Dentistry* (pamphlet), University of Minnesota, Nov. 1924, reprinted in *American Dental Journal*, Jan. 1926; *Vocational Guidance* (bulletin), University of Minnesota, May 1925; "Dentition, its Local and Sympathetic Disorders," *Dental Review*, 1897; "Thoughts on the Gold Inlay," *Dental Cosmos*, 1910, translation of same in *Norwegian Dental Journal*, 1910; "Dental Education," *Dental Cosmos*, 1915; "The Problem of Dentistry in Japan," *Dental Review*, 1915; Dentistry in State Institutions," *Quarterly*, Aug. 1920; "A Reply to Who Should Control Dental Education," *International Journal of Orthodontia and Oral Surgery*, Vol. VII, Nov. 1921; "Dental Education," *Journal of Dental Research*, Dec. 1922; "What is Dentistry?," *Minneapolis District Dental Journal*, March 1923; "The Goal of Dental Education," *American Dental Journal*, April 1923; "Comments on the Carnegie Survey of Dental Education," *ibid.*, July 1927; "The Relation of Hygiene to Dentistry," *ibid.*, April 1928; "The Relation of Dentistry to Medicine," *The Centaur* (Alpha Kappa Kappa quarterly), May 1926; "Hiking for Pleasure," *ibid.*, March 1928; "Hy-



giene as Related to Preventive Dentistry," *Dental Outlook*, 1929; also numerous other articles, papers, and reports. Discussion of about 25 papers, addresses, and reports by leading dentists. **Member:** Dental Faculties Association; New York Academy of Dentistry; American Dental Association; Association of Military Dental Surgeons of the United States; Dental Educational Council of America, 1921-23; Educational Research Committee, University of Minnesota, 1922-27; Dental Advisory Board, Department of Health, City of New York; Board of National Society of Penal Information; Theta Chi frat.; Pi Gamma Mu frat.; Lambda Alpha Psi frat.; Alpha Kappa Kappa; Life Member: Minnesota State Dental Association; Minneapolis Society of Fine Arts; Japan Society, London; Asiatic Society of Japan; Archaeological Institute of America; Secretary of Local Branch, same, 1910-12; Honorary Member: Southern Minnesota Dental Association; Head of Lakes Dental Association; North Dakota State Dental Association; Den Norske Tandlaege Forening; Comdr. Cavum Oris honorary order, same; Fellow, American College of Dentists; Fellow, New York Academy of Medicine; Member of Education Committee, Dental Faculties Association, 1909-24; Chairman of the Committee, 1913-24; President, Minnesota State Dental Association, 1902; Vice-President, American Dental Association, 1907; President, Dental Faculties Association, 1920-24; Chairman pro tem, Committee on Dental Education, Association of American Universities, 1927-28. Member of 2nd, 3rd, 4th, 5th, 6th and 7th International Dental Congresses, 1893-1926. Recognized as one of the foremost dental scholars and educators in the United States. "A tried and tested leader in every effort to advance the profession of dentistry, and to ally it more closely with medicine and surgery both in training and in practice." President Butler's citation in conferring upon Dean Owre the degree of Doctor of Science, Colum-

bia University, Oct. 31, 1929. **Biography** in *Dictionary of the University of Minnesota*, 1908; *Who's Who in Science—International*, London, 1914; *Who's Who in Dentistry*, 1925; *Who's Who in America*, since 1912-13 ed.; *Who's Who Among North American Authors*, 1929-30; *Who's in the East*, 1930. **Born** at Hammarfest, Norway, Dec. 16, 1870; parents from Trondheim; attended Kristiania Borger og Real Skole; came to the United States in 1884; nephew of the late Nils Owre, writer; nephew of the late Adolphine Owre, artist of Copenhagen; brothers: Dr. A. R. Owre, of Minneapolis, Minn.; Dr. Oscar Owre (q.v.).

**OWRE, OSCAR, M.D., C.M.**, Minneapolis College of Physicians and Surgeons, 1903; F.A.C.S., 1914. **Assistant Professor of Genito-Urinary Surgery, University of Minnesota, Minneapolis, Minn., 1914 to date.** Instructor in Surgery and Genito-Urinary Diseases, Minneapolis College of Physicians and Surgeons, Hamline University, 1905-07; Instructor in Oral Surgery, Dental Department, University of Minnesota, 1906-09; Instructor in Skin and Genito-Urinary Diseases, University of Minnesota, 1909-14; Lecturer to U. S. Naval Recruits, same; Physician and Surgeon, Minneapolis; Genito-Urinary Surgeon, St. Mary's, Northwestern, Fairview, and Norwegian Hospitals; Consulting Urologist, Hill Crest Hospital, Eitel Hospital, Glen Lake Sanitarium, and Northern Pacific Hospital, St. Paul; Surgeon, Genito-Urinary Department, Swedish Hospital; now Chief of the Department of Urology, Minneapolis General Hospital. Member of Advisory Medical Board, Unit 16, U. S. Army Medical Reserve Corps, Dec. 14, 1918 to date; Deputy Warden, Minnesota Department of Conservation of Game and Fish. **Author:** "Paraurethral Gland Infection," *American Journal of Dermatology*, Vol. XVI, No. 4, 1912; "The Value of the Lithotrite and Some Remarks on the Removal of Foreign Bodies from the Urinary Bladder," paper read before the Min-

nesota Academy of Medicine, Dec. 8, 1915, published in the *Journal-Lancet*, Feb. 1, 1916; "Some Considerations on the Subject of Ureteral Stone," paper read at the 48th annual meeting of the Minnesota State Medical Association, Minneapolis, Oct. 12-13, 1916, published in the *Journal-Lancet*, March 1, 1917; also various other papers. Lecture on Diagnosis and Operation delivered at the clinic held at the organization meeting of the North Central Branch of the American Urological Association, Minneapolis General Hospital, Dec. 17, 1923. Musician (flutist). **Member:** American Urological Association; American Medical Association; Hennepin County Medical Society; Minnesota State Medical Society; Minnesota Academy of Medicine; Fellow, American College of Surgeons, since 1914; Fellow, American Urological Society, since 1912; First President, Twin City Urological Society. **Member:** Theta Chi, Alpha Kappa Kappa fraternity; Isaac Walton League of America; American Game Protective Association; American Forestry Association; American Geographical Society; American Museum of Natural History Association. **Biography in** *Minnesota Men*; *Who's Who in American Medicine*, 1925; *American College of Surgeons* (Yearbooks) since 1915. **Born** in Oslo, Norway, Feb. 13, 1880; brother of Dean Alfred Owre (q.v.); father-in-law was the late Jacob Riis, writer and humanitarian of New York.

**PALMER, ERIK SCHJÖTH**, Ph.B., Yale University, 1906; Graduate Work, Columbia University, 1911-12. **Professor of Mathematics and Natural Science**, Rollins College, Winter Park, Fla., 1912-17. Instructor in Mathematics, Rollins College, 1908-09; Instructor in Mathematics, Rutgers University, 1909-12; Ballistic Engineer, Winchester Repeating Arms Company, New Haven, Conn., 1920 to date. Holder of 3 patents on rifle sights. **Member:** American Mathematical Society; Mathematical Association of America; Amer-

ican Physical Society; American Association for the Advancement of Science; Circolo Matematico di Palermo. **Biography in** *American Men of Science*, 1927. **Born** in Cleveland, Ohio, Dec. 31, 1885; father, the late Prof. Arthur Hubbell Palmer, was Professor of German Language and Literature, Yale University, 1891-1918, studied in Oslo, and translated poems and songs by Björnson (see *Who's Who in America*, 1918-19, and *New International Encyclopedia*, New York); mother, Fredrikke Marie (Schjöth) P., from Drammen and Oslo.

**PALMER, HAROLD SCHJÖTH**, A.B., Yale University, 1912; Ph.D., Yale University, 1923; Student, University of Vienna, 1926-27. **Professor of Geology, University of Hawaii, Honolulu, Hawaii, 1923 to date.** Member of Yale Centennial Andean Expedition, 1913; Geologic Aid, U. S. Geological Survey, 1914-17; Assistant Geologist, U. S. Geological Survey, 1917-18; Associate Geologist, same, 1918; Service in U. S. Army, Oct. 22, 1918-March 4, 1919; Instructor in Geology, Trinity College, Hartford, Conn., 1st semester, 1919-20; Assistant Professor of Geology, University of Hawaii, 1920-23. Member of the B. P. Bishop Museum "Tanager" Expeditions, 1923, 1924. **Author:** *Ground Water in the Norwalk, Suffield, and Glastonbury Area, Connecticut*, prepared in cooperation with the Connecticut Geographical and Natural History Survey, 171 pp., U. S. Geological Survey. Water Supply and Irrigation Papers No. 470, Government Printing Office, Washington, 1920; *Ground Water in the Southington-Granby Area, Connecticut*, 219 pp., prep. in coop. with the Conn. Geol. and Nat. Hist. Survey, issued as U. S. Geological Survey. Water Supply and Irrigation Papers No. 466, Government Printing Office, 1921; *Report of the Honolulu Sewer and Water Commission to the Legislature of the Territory of Hawaii, 14th Session*, 65 pp., Honolulu Star-Bulletin, Honolulu, 1927; "The Geology of the Honolulu Artesian System," contained in last-named Re-



*port; Geology of Kaula, Nihoa, Necker, and Gardner Islands, and French Frigates Shoal*, B. P. Bishop Museum Bulletin 35, Honolulu, 1927; *Report of Honolulu Sewer and Water Commission to the Legislature of Hawaii, 15th Session*, 288 pp., Advertiser Print, Honolulu, 1929; also various articles in technical journals. **Member:** Geological Society of America; American Geographical Society; American Meteorological Society; Hawaiian Academy of Science; American Association for the Advancement of Science; Sigma Xi and Gamma Alpha. *Biography in American Men of Science*, 1927. Born in Cleveland, Ohio, June 4, 1890; brother of Prof. Erik S. Palmer (q.v.).

**PAULSON, WALTER ERNEST**, Ph.B., University of Wisconsin, 1917; Ph.D., University of Wisconsin, 1923. **Assistant Professor of Farm Management and Rural Economics**, Purdue University, Lafayette, Ind., 1923-28. **Teacher**, United States High School, Panama Canal Zone, 1917-18; **Teacher**, High School, Monroe, Wis., 1918-20; **Assistant in Agricultural Economics**, University of Wisconsin, 1921-22; **Assistant and Fellow in Agricultural Economics**, University of Wisconsin, 1922-23; **Resident Specialist in Marketing**, Texas Agricultural and Mechanical College, 1928—. *Biography in Rus*, 1925, 1930. Born at Hollandale, Wis., 1890; paternal grandparents came from Skien; maternal grandparents, from Telemarken; sister, Clara O. Paulson, has taught English at the University of Wisconsin since 1926.

**PEARSON, MARJORY LIEBERG** (Mrs. William S. Pearson), B.S., North Dakota Agricultural College, 1919. **Instructor and Assistant in Public Discussion**, North Dakota Agricultural College, Fargo, N. Dak., 1919-25. Born in the United States; paternal grandfather, O. P. Lieberg (1835-1917), was born at Solör, was a member of the Ole Bull colony, Coudersport, Pa., in the 'fifties, and settled in Blue Earth County, Minn., in 1861; paternal grand-

mother was a daughter of Olavus Solberg, owner of bakeries in Oslo and Copenhagen, who sold his bakeries to help finance the Ole Bull colony, of which he was a member; grandniece of Christian F. Solberg, founder of *Fädrelandet og Emigranten*, Madison, Wis., 1858, Assistant Secretary of State of Minnesota, 1872-82, master of 7 languages.

**PEDERSEN, FREDERICK MALLING**, B.S., College of the City of New York, 1889; E.E., Columbia University, 1893; M.S., New York University, 1902; Sc.D., New York University, 1905. **Associate Professor of Mathematics**, College of the City of New York, New York, N. Y., 1921 to date. **Assistant Electrical Engineer**, Crocker-Wheeler Electric Manufacturing Co., New York City, 1893-99; also **Instructor in Electrical Construction**, Pratt Institute, Brooklyn, 1894-95; **Tutor in Mathematics**, College of the City of New York, 1899-1902; **Instructor in Mathematics**, same, 1902-10; **Assistant Professor of Mathematics**, same, 1910-21. **Author:** *Influence of Molecular Constitution upon the Internal Friction of Gases*, D. Van Nostrand, New York, 1905. **Member:** Mathematical Association of America; American Mathematical Society; American Physical Society; American Institute of Electrical Engineers; Phi Beta Kappa; Sigma Psi; Delta Kappa Epsilon; Armor and Arms Club. **Vestryman and Lay Reader**, St. Mary's Protestant Episcopal Church, Manhattanville, N. Y. *Biography in American Men of Science*, 1906, 1910, 1921, 1927; *Who's Who in New York*, 1924, 1929; *Who's Who in the East*, 1930. Born in New York, N. Y., Feb. 12, 1869; paternal grandfather was born in Oslo; on mother's side descendant of Hon. Ove Malling, appointed Prime Minister of Denmark, 1824; brother of Dr. James Pedersen (q.v.), and Dr. V. C. Pedersen (q.v.).

**PEDERSEN, JAMES**, B.S.; M.D., College of Physicians and Surgeons, Columbia University, 1890. **Adjunct Professor of Genito-**

**Urinary Surgery**, New York Post-Graduate Medical School and Hospital, New York, N. Y., 1899-1917. Instructor in Genito-Urinary Diseases, same, 1896-99; Professor of Genito-Urinary Diseases, University of Vermont, 1905-08; Physician and Surgeon, New York City; Attending Genito-Urinary Surgeon, New York City Hospital; Consulting Genito-Urinary Surgeon, Englewood (N. J.) Hospital, and Stamford (Conn.) Hospital. Fellow, American College of Surgeons. Born in the United States; brother of Prof. F. M. Pedersen (q. v.), and Dr. V. C. Pedersen (q. v.).

**PEDERSEN, VICTOR COX**, A.B., Trinity College (Conn.), 1891; A.M., Trinity College, 1896; M.D., College of Physicians and Surgeons, Columbia University, 1898; Special Student in Anatomy and General Surgery, University of Edinburgh, Summer 1895. **Instructor in Operative Surgery and Instructor in Anesthesia**, New York Polyclinic Medical School and Hospital, New York, N. Y., 1903-06; Lecturer on Operative Surgery, same, 1906-07; Clinical Assistant in Surgery, same, 1907-09; Clinical Assistant in Dermatology, same, 1909-11. Physician and Surgeon, New York City, 1898 to date; Assistant Demonstrator in Anatomy, Columbia University, 1900-01; Physician-in-charge, St. Chrysostom's Dispensary; Visiting Urologist, St. Mark's Hospital; Courtesy Surgical Staff: Hospital for Ruptured and Crippled, Murray Hill Hospital, St. Elizabeth's Hospital, Pan-American Hospital, and French Hospital; Consulting Urologist: Washington Square Home for Friendless Girls, Edwin Gould Foundation for Children, and Englewood (N. J.) Hospital; Consulting Physician and Surgeon to Adjutant-General of the State of New York (Selective Service Headquarters, City of New York), 1917-18; Major, Medical Corps, United States Army, 1918; Lieutenant-Colonel, Medical Section, Officers' Reserve Corps, 1919 to date. **Author:** *A Text-Book of Urol-*

*ogy*, Lea & Febiger, Philadelphia, 1919; *The Woman A Man Marries: An Analysis of Her Double Standard*, Doubleday, Doran & Company, New York, 1927; *The Man A Woman Marries: Problems in Consideration*, Minton, Balch & Company, New York, 1929; also numerous papers in medical journals. **Editor**, *Medical Epitome Series* (20 vols.), Lea Bros. & Company, Philadelphia, 1900-10. Winner of Harsen First Prize, College of Physicians and Surgeons, 1898. **Member:** American Social Hygiene Association; Association for the Study of Internal Secretions; American Electrotherapeutic Association; Society of Medical Jurisprudence; American Medical Association; New York State Medical Society; New York County Medical Society; New York Orological Association; New York Electrotherapeutic Society; Medico-Surgical Society of New York; New York Academy of Medicine; Society for the Advancement of Clinical Research; Gorgas Memorial Institute for Tropical and Preventive Medicine; Association of Military Surgeons of the United States; American Legion, Columbia University Post; Military Order of Foreign Wars of the United States, New York Commandery (Surgeon 1927-28); Military Order of the World War, New York Chapter; Military and Naval Officers of the World War, New York Society; Old Guard of the City of New York (Assistant Surgeon, 1927 to date); Reserve Officers Association of the United States, Manhattan Chapter; Society of American Wars, Commandery of the State of New York (Color Guard, 1929); Sojourners Club, New York Chapter No. 13; St. Cecile Lodge, F. & A. M., No. 568; American Forestry Association; National Geographic Society; American Museum of Natural History; American Association for the Advancement of Science; Delta Kappa Epsilon; Phi Beta Kappa; Nu Sigma Nu; Pi Gamma Mu; Fellow, American College of Surgeons; Fellow, American Urological Association; President, New



York Electrotherapeutic Society, 1921-25; President, American Electrotherapeutic Association, 1926-27. *Biography in American College of Surgeons* (Yearbooks); *Who's Who in New York*, 1924, 1929; *Who's Who in American Medicine*, 1925; *Who's Who in America*, since 1924-25 ed.; *Who's Who Among North American Authors*, 1929-30; *Who's Who in the East*, 1930. Born in New York, N. Y., Nov. 15, 1867; brother of Prof. F. M. Pedersen (q.v.), and Dr. James Pedersen (q.v.).

**PEDERSON, HARALD**, B.A., St. Olaf College, 1900; M.D., University of Minnesota, 1907; M.D., University of Vienna, 1912. Instructor in Medicine, University of Minnesota, Minneapolis, Minn., 1913-17. Physician, Twin Valley and Minneapolis, Minn. Came to the United States from Nyladen, Flaa, Hallingdal, in 1883 (Ulvestad).

**PEDERSON, RAGNA**, see Ragna Pederson Toren.

**PETERSON, ARTHUR FERDINAND**, Ph.G., Valparaiso University, June 1919; Ph.C., *ibid.*, Dec. 1919; B.S., University of Minnesota, 1927. Instructor in Pharmacy, University of Minnesota, Minneapolis, Minn., 1927 to date. Pharmacist, G. H. Sohrbrek Company, 1920-21; Traveling Salesman, E. R. Squibb & Sons of New York, in Michigan, Indiana, and Wisconsin, 1921-25; Salesman and Professional Service Man to Physicians and Dentists, W. S. Merrell Co. of Cincinnati, covering the loop districts of Minneapolis and St. Paul. Winner of several large prizes in sales campaigns. Member: Alpha Epsilon; Minnesota State Pharmaceutical Association. Born at Brainerd, Minn., April 17, 1899; father came from Smaalenene; mother (nee Guldbrandson), from Hakedalen (?), near Oslo; sister, Mrs. Gerda L. Cunningham, was a Teacher in the Public Schools, Duluth, Minn., 1921-23, and Brainerd, Minn., 1923-27; brother, Dr. Ralph G. Peterson, is a Dentist of Aitkin, Minn.; an-

other brother, Dr. Clarence Gilford Peterson, is a Dentist at Brainerd, Minn.

**PETERSON, CHARLES WALLACE**, B.S. in E.E., University of Washington (Seattle), 1918. Professor of Chemistry, Greenville College, Greenville, Ill., 1922-24. Radio Laboratory Manager, Kilbourne & Clark Manufacturing Co., Seattle, Wash., 1919-22; Consulting Radio and Acoustical Engineer, Crosley Radio Corporation, Cincinnati, Ohio, 1924 to date. Inventor and designer: the Crosley Merola, electrical phonograph reproducer; the Crosley Dynacone, which has had a much greater sale than any other dynamic radio loud speaker; and the Crosley Musicone radio loud speaker, which has enjoyed the greatest sale of any make or type of loud speaker in the world. Has also avocational interests in photography, optical lens grinding, glass blowing, and various branches of mechanical engineering. Interested in Christian colleges and foreign missionary enterprises. Associate member, Institute of Radio Engineers. Born in Seattle, Wash., 1893; parents, Nils B. and Karen (Hanson) Peterson, came from the vicinity of Ranenfjord, Nordland; brother, Henry E. Peterson, and sisters, Sarah P. and Mattie J. Peterson, in educational work.

**PETERSON, FRANCIS EDWIN**, A.B., Luther College, 1909; A.M., University of Wisconsin, 1916; Work toward Ph.D., Teachers College, Columbia University, 1929-30. Professor of Education and Director of Extension Work, Territorial Normal and Training School, Honolulu, Hawaii, 1924 to date. Teacher of German, Latin, and English, Park Region Luther College, Fergus Falls, Minn., 1909-15; President of Park Region Luther College, and Professor of English, German, and Latin, 1916-21; Professor of German, Luther College, 1921-24; also Dean of Men, same, 1922-24; Director of Summer Session, Territorial Normal and Training School, Hono-

lulu, Hawaii, 1924 to date. **Biography** in *School Calendar*, 1924. Born at Horace, N. Dak., Nov. 28, 1889; paternal grandparents came from Hadeland; father was born near Decorah, Iowa; mother born in Melhus prestegjeld, near Trondheim.

**PETERSON, HENRY JOHN**, A.B., St. Olaf College, 1905; A.M., State University of Iowa, 1907; Ph.D., State University of Iowa, 1914. Professor of Political Science, University of Wyoming, Laramie, Wyo., 1920 to date. Principal of Public Schools, Eureka, Mont., 1907-08; Supt. of Schools, Diamondville, Wyo., 1908-09; Graduate Work, University of Chicago, 1909-10; Instructor in Government, Iowa State Teachers College, Cedar Falls, Iowa, 1910-13; Fellow in Government, State University of Iowa, 1913-14; Assistant Professor of Government, Iowa State Teachers College, Cedar Falls, 1914-17; Professor of Government, same, 1917-20; also Research Assistant, Iowa State Historical Society, 2 summers; in Army Y. M. C. A. Work, March 25, 1918-June 4, 1919. **Author:** *Corrupt Practices Legislation*, Iowa City, Iowa, 1912; *Selection of Public Officers*, Iowa City, Iowa, 1914; *The Teaching of Citizenship*, Houghton, Mifflin & Co., New York and Boston, 1922. **Member:** American Political Science Association; State Historical Society of Iowa; American Association of University Professors. **Biography** in *Who's Who and Why in After-War Education*; *Who's Who in America*; *Who's Who Among North American Authors*, 1929-30. Born at Randall, Iowa, Sept. 3, 1880; father was born at Sand, mother at Aardal, Norway.

**PETERSON, HERMESE**, B.S., Young University; Student, Agricultural College of Utah, 1906-08; Columbia University, 1917; University of California, 1922; University of Chicago, 1922-23; Study in Europe, 1928. **Associate Professor of Education**, Young University, Provo, Utah, 1918 to date. Primary Supervisor, Alpine School District, 1908-12; Critic Teacher, Young

University, 1912-18. President, Primary Section, National Education Association, 1921 and 1927. Born at Pleasant Grove, Utah, Nov. 18, 1881; ancestors came from Kongsberg.

**PETERSON, JOSEPH MARTIN**, A.B., Luther College, 1898; A.M., University of Minnesota, 1902; Ph.D., University of Heidelberg, 1910. Professor and Head of the Department of English, Pacific Union College, Angwin, Calif., 1928—. Assistant in Commercial Department, Gustavus Adolphus College, 1893-94; Teacher of English, German, and Latin, Pacific Lutheran Academy, Parkland, Wash., 1898-1900; English, German, and Latin, Grand Forks (N. Dak.) College, 1901-05; Ancient and Modern Languages and English, South Lancaster (Mass.) Junior College, 1909-10; Head of the Department of English and German, Hutchinson (Minn.) Theological Seminary, 1910-28. **Author:** *The Dorothea Legend: Its Earliest Records, Middle English Versions, and Influence on Massinger's "Virgin Martyr"* (thesis for Ph.D.), Buch und Kunstdruckerei Rössler und Herbert, Heidelberg, Germany, 1910. **Biography** in *School Calendar*, 1910. Born at St. Ansgar, Iowa, April 30, 1870; father came from Maakestad, Hardanger; mother from Bergen.

**PETERSON, RAYMOND A.**, B.A., St. Olaf College, 1913; Graduate Work, University of Minnesota; A.M., Columbia University, 1925. Professor of Psychology, State Teachers College, Mayville, N. Dak., 1923 to date. Supt. of Schools, 1913-23. **Author**, "A Phase of the Learning Process in the Elementary Schools," *Social Science*. Honorary Member, Pi Gamma Mu. Born in the United States; ancestors came from Hallingdal.

**PETTERSEN, MARGRETHE**, Pupil of Helga Olsen, Minneapolis, 6 years; Conrad Ansgore and Alberto Jonas, Berlin, Germany, 1905-08. **Head of the Piano De-**



partment, **Albert Lea College, Albert Lea, Minn., 1908-16.** Head of the Piano Department, **St. Olaf College, 1901;** Teacher of Piano, **Lutheran Ladies Seminary, Red Wing, Minn., 1903-05;** Concert pianist; tours throughout the Northwest from time to time; appearing in recitals constantly. **Member:** Minnesota State Music Teachers Association; Thursday Musicales, Minneapolis; Schubert Club, St. Paul. Has served as Head of the Program Committee of the Minnesota State Music Teachers Association, and taken an active part in its programs. **Biography in** *International Who's Who in Music*, New York, 1918; *School Calendar*, 1924. **Born** in St. Paul, Minn., June 8, 1882; father, the late Professor W. M. H. Pettersen of Luther Seminary, St. Paul, Minn., was born at Hønefoss, Ringerike; mother came from Trondheim.

**PETTERSON, GUSTAV S.,** B.A., University of Minnesota, 1911; A.M., University of Minnesota, 1912. **Professor of Sociology, State Teachers College, Mankato, Minn., 1913 to date.** Teacher in Public Schools, 1905-07; Agent, Associated Charities, Minneapolis, Minn., 1907-10; Assistant in History of Education, University of Minnesota, 1911-12; Professor of Education and Dean of the School of Education, Dakota Wesleyan University, Mitchell, S. Dak., 1912-13.

**POPPE, DAGNE,** Pupil of Mdle. Baud, Oslo, 1906-07; Mus.B., Lutheran Ladies Seminary, Red Wing, Minn., 1909; Special Voice Work under Alta Miller; Special Course in Public School Music Methods under Barbara Ann Russell and Jessie Gaynor, Northwestern University, 1909-10. **Head of the Voice Department and Instructor in Voice and History of Music, Ouachita College, Arkadelphia, Ark., 1910-13.** "Miss Poppe was very much loved at Ouachita, but there is no one here now who knows more than the mere fact that she married within a year or two after she left here and later

died." Letter from Frances Crawford, Secretary to the President of Ouachita College, under date of April 7, 1928.

**QUAM, GEORGE NORMAN,** Graduate, Northern Normal and Industrial School, Aberdeen, S. Dak., 1914; B.A., University of South Dakota, 1916; M.S., University of Wisconsin, 1922; Ph.D., Iowa State College, 1924; Special Student (Honorarium), State University of Iowa, Summer 1928. **Associate Professor of Chemistry, Long Island University, Brooklyn, N. Y., 1929—.** Assistant in Science, Northern Normal and Industrial School, Aberdeen, S. Dak., 1914-15; Scholar, University of Wisconsin, 1920-21; Graduate Assistant, Iowa State College, 1921-23; Research Scholar, same, Summer Sessions 1922, 1923; Fellow, same, 1923-24; Professor of Chemistry, Midland College, 1924-25; Assistant Professor of Chemistry, Coe College, 1925-28; Professor of Chemistry, Coe College, 1928-29. **Author:** "The preparation of permanent filter mats" (with H. W. Wright), *Proceedings of Iowa Academy of Science*, Vol. 31, p. 287, 1924; "Conductivity in liquid hydrogen sulfide solution" (with J. A. Wilkinson), *ibid.*, Vol. 32, p. 324, 1925; "Solubility of copper in milk" (with E. I. Solomon), *ibid.*, Vol. 34, 1927; "Copper content of milk and animal tissues" (with Arthur Hellwig), *ibid.*, Vol. 35, 1928; "Chemical sterilizers and their action on metals and alloys," *ibid.*, Vol. 35, 1928; "The temperature effect on solubilities of nickel, tin, copper, steel (chromium), and zink in raw cows milk," *ibid.*, Vol. 36, 1929; "The copper content of livers and liver extracts," *ibid.*, Vol. 36, 1929; "Permanent filter mat in Gooch crucibles" (with O. R. Sweeney), *Journal of American Chemical Society*, Vol. 46, p. 958; "A study of reactions in liquid hydrogen sulfide," *ibid.*, Vol. 47, p. 103; "Corrosion of Dairy Plant Equipment," *The Milk Dealer*, Aug. 1927; "Copper: A common constituent of milk, animal organisms, and other food products" (with Arthur Hellwig),

*ibid.*, Jan. 1928; "Chemical Sterilizers: I. Cause of abnormal corrosion of metals and alloys," *Butter and Cheese Journal*, April 1928; "A valence - name - formula - solubility chart," *Journal of Chemical Education*, Vol. 3, p. 1432, 1926; copyrighted edition of the chart for classroom use, published 1927; "A modified suction flask," *The Chemist-Analyst*, Vol. 16, 1926; "A thermometer protector," *ibid.*, Vol. 16, No. 2, 1927; "Conserving hydrogen sulfide in the general chemistry laboratory," *ibid.*, Vol. 18, No. 2, p. 14, 1929; "The copper content of milk" (with Arthur Hellwig), *Journal of Biological Chemistry*, 78, 681, 1928; "A modified adapter," *Industrial and Engineering Chemistry*, Vol. 19, p. 425, 1927; "A mechanical Agitator," *ibid.*, Vol. 20, p. 903, 1928; "The influence of temperature on the rate of corrosion of copper by milk" (with Solomon and Hellwig), *ibid.*, Vol. 20, p. 930, 1928; "The solubility of metals in milk," *ibid.*, July 1929; "Stability of commercial sterilizers in the presence of milk" (with Sidney Quam), *American Journal of Public Health*, July 1929. "He is known for several inventions and has a notable teaching record." *N. Y. Times*, Dec. 22, 1929. **Member:** American Chemical Society; American Association for the Advancement of Science; Iowa Academy of Science; Cedar Rapids Chemist Club (Past President); Phi Lambda Upsilon; Sigma Xi; Phi Kappa Phi. **Biography** in *Who's Who in American Education*, 1930. **Born** at Madison, Wis., May 7, 1891; father, Severt Quam, came from Sogndal; mother, Stena (Hatlebak) Q., also from Sogndal.

**RAAEN, AAGOT**, see Aagot Raaen Garman, page 35.

**RANUM, ARTHUR, A.B.**, University of Minnesota, 1892; Graduate Work, Cornell University, 1893-96; Ph.D., University of Chicago, 1906. **Professor of Mathematics**, Cornell University, Ithaca, N. Y., 1923 to date. Fellow, Cornell University, 1895-96; Fellow, University of Chicago, 1896-97; **Professor of Mathematics and Astronomy**, University of Washing-

ton (Seattle), 1897-1904; **Instructor in Mathematics**, University of Wisconsin, 1904-05; **Assistant in Mathematics**, Leland Stanford, Jr., University, 1905-06; **Instructor in Mathematics**, Cornell University, 1906-10; **Assistant Professor of Mathematics**, same, 1910-23; **Professor of Mathematics**, University of Chicago, Summer 1916. **Author:** "The Group of Classes of Congruent Matrices with Application to the Group of Isomorphisms of Any Abelian Group" (thesis for Ph.D.), University of Chicago, 1906; "On the Relation of Mathematics to Engineering," in R. P. Baker's *Engineering Education*, J. Wiley & Sons, New York, 1919; also more than 30 papers on subjects related to Geometry and other branches of Mathematics published in mathematical journals of America and Europe. **Associate Editor**, *Bulletin of the American Mathematical Society*, 1909-13; **Associate Editor**, *Transactions of the American Mathematical Society*, 1913-19. **Member:** American Mathematical Society; Phi Beta Kappa; Circolo Matematico de Palermo; Fellow, American Association for the Advancement of Science. **Biography** in *Who's Who in America*; *American Men of Science* (classed as one of the 80 leading American mathematicians since 1910 ed.); *Who's Who in American Education*, 1930; *Who's Who in the East*, 1930. **Born** in La Crosse, Wis., Dec. 13, 1870; father, Ingebrigt Ranum, came from Trondheim; mother, Elise (Myhren) R., from Helgeland.

**RASK, OLAF SELMER, B.A.**, University of Minnesota, 1916; B.S., *ibid.*, 1917; Ph.D., Stanford University, 1923. **Associate Professor of Chemistry**, Johns Hopkins University, Baltimore, Md., 1928—. **Associate Chemist**, U. S. Department of Agriculture, 1917-21; **Graduate Work**, University of Minnesota, 1921-22; **Fellow**, Stanford University, 1922-23; **Associate in Chemistry**, Johns Hopkins University, 1923-28. **Research worker** in the field of cereal foods. **Author** of many articles in scientific journals. **Member:** American Chemical



Society; American Association for the Advancement of Science. *Biography in American Men of Science*, 1927. Born at Hendrum, Minn., March 30, 1891; father, H. J. Rask (d. 1929), prominent farmer of Hendrum, Minn., and later of Kalispell, Mont., was born in Hallingdal; mother, Ellen (Spande) R., also Norwegian.

**RASMUSEN, JESSE EPHRAIM**, B.S., Valparaiso University, 1901; B.S. in M.E., Purdue University, 1907; M.E., Purdue University, 1911. Professor of Engineering Drawing, University of Nebraska, Lincoln, Neb., 1918-20. Instructor in Applied Mechanics, University of Nebraska, 1907-08; Adjunct Professor of Applied Mechanics and Machine Design, same, 1908-11; Assistant Professor, same, 1911-14; Associate Professor of Engineering Drawing, same, 1914-18; Vice-President and General Manager, Baker Ice Machine Company of Texas, Fort Worth, Tex., 1921 to date. Born in La Salle County, Ill.; father came from Haugesund; mother, from Stavanger; a cousin was a Member of the Norwegian Storting.

**RASMUSSEN, INGEBORG**, M.D., Woman's Medical School, Northwestern University, 1892. Clinical Assistant to the Chair of Diseases of the Chest, Nose, and Throat, later Instructor in Clinical Laryngology and Superintendent of the Clinic, Woman's Medical School, Northwestern University, Chicago, Ill., 1892-1902; Clinical Assistant and Instructor in Obstetrics and Gynecology, Rush Medical College, Chicago, 1902-12. Physician, Chicago, since 1892; Attending Gynecologist, Tabitha Hospital (now the Norwegian-American Hospital), 8 years; Attending Laryngologist, Mary Thompson Hospital, 3 years. Editor of "Woman's Page" in *Skandinaven*, 1911 to date. Correspondent of various European newspapers. Translator of various books and articles from French, German, English, and Scandinavian. Has

collected a large amount of material now in the process of preparation for publication. Member: Chicago Medical Society, for almost 30 years; Scandinavian Medical Society, Chicago; Charter member, Medical Women's Council; Co-founder, Medical Women's Club; formerly Secretary and Vice-President, Scandinavian Medical Society; Charter member, Norwegian-American Historical Association. Member of Committee on Exhibits, and State Chairman (Ill.) of Women's Auxiliary, Norse-American Centennial, Minneapolis, 1925. Awarded the Gold Medal of Merit by the King of Norway. Born in Bergen, April 10, 1855; came to the United States May 1, 1887.

**RAVNDAL, INGA**, see Inga Ravndal Keble.

**REIERSON, ELLEN**, B.S. in Edn., University of Idaho; M.S. in Edn., University of Idaho. Instructor in Business Administration, University of Idaho, Moscow, Idaho, 1926 to date. Formerly Teacher of Commerce, Pocatello (Ida.) High School, 3 years. Author: *Word and Sentence Method in Learning Elementary Shorthand*, 1927 (giving the results of an experiment lasting 2 years, proving the sentence method to be superior). Born in Campbell County, S. Dak.; father came from Updahl, Nummedal; mother's parents, from Hardanger.

**REINHOLT, OSCAR HALVORSEN**, B.S., St. Olaf College, 1905; Grad. Work, University of Minnesota and University of Wisconsin. Professor of Chemistry and Geology, and Curator of the Museum, Hartwick College, Oneonta, N. Y., 1929—. Began teaching in rural schools at the age of 16; mining, Mesabi Iron Range, 1895-98 and 1900; with Minnesota Geological Survey, 1898-99; Assistant Principal, Windom (Minn.) High School, 1901-02; Geographer, Forestry Bureau, Manila, Philippine Island, 1902-03; Mining Engineer

with the Philippines Engineering and Construction Company, and Supt. of U. S. Army coal mines, Philippines, 1903-04; Teacher of Geography, Mineralogy, and Geology, St. Olaf College, 1904-05; core drill explorations, California and Arizona, 1906-08; Teacher of Physical Geography, Pasadena (Calif.) High School, 1908-10; with U. S. Bureau of Mines, at Pittsburgh, Pa., 1911-12; Teacher of Geology and Physics, and Faculty Adviser, San Diego (Calif.) High School and Junior College, 1912-16; Manager of Copper Mines, Globe, Ariz., 1916-17; Consulting Petroleum Engineer, 1917-20; Valuation Engineer, appraising natural resources for the U. S. Treasury Department, 1920-23, being on government commission of engineers sent to Mexico, 1921, and revising *Manual for the Oil and Gas Industry* for the U. S. Treasury Department, 1921-23; Chief of Department of Mines and Metallurgy, Sesquicentennial Exposition, Philadelphia, 1925-26; Substitute Professor of Geology, Guilford College, N. C., 1928; Mineral Explorer, North Carolina, Virginia and West Virginia, 1928-29. **Author:** *Statistical Handbook*, 1901; *United States Enterprise in the Coal Trade of the Philippines*, 1906; *Mineral Resources of Southern California*, 1912; *Mexican Oil Fields*, 1921; *Oildom: Its Treasures and Tragedies*, National Publishing Company, Washington, D. C., 1924-27; also numerous articles, poems, and translations contributed to technical and trade journals. Associate editor, U. S. Treasury Department's *Manual for the Oil and Gas Industry*, 1921. **Lectures:** "The American Mineral Industry," "Picturesque Philippines," "Mines and Pines of Lake Superior," "Conservation," "Geysers and Gushers," "Petroleum," "Mine Rescue Work," and others on the petroleum and mining industry delivered at various places. Introduced core drilling into the Philippines; helped place California next to Pennsylvania in cement production. Chairman, Norway Day, Panama-Pacific International Exposition, San Francisco, 1915. **Mem-**

**ber:** National Education Association; California Teachers Association; Minnesota Teachers Association; American Institute of Mining and Metallurgical Engineers; Geological Society of Washington; San Diego Society of Natural History; American Chemical Society; American Association for the Advancement of Science; National Geographic Society; Minnesota Academy of Science; North Carolina Academy of Science; American Academy of Political and Social Science; American Association of Pen Artists. Chairman, League for the Preservation of the Exposition Buildings, 1915. Member of the 8th International Geographical Congress; member of 12th International Geological Congress. **Awarded** 1st prize, survey problem, Scranton, Pa., 1897; Bronze and Silver Medals, Louisiana Purchase Exposition, St. Louis, 1904; Gold Medal for mineral display, Panama-Pacific International Exposition, San Francisco, 1915; Gold Medal for mineral exhibits, San Diego Exposition, 1916. **Biography in** *Who's Who in Engineering*, 1925; *Who's Who in American Education*, 1930; *Who's Who in the East*, 1930; *Who's Who in America*, 1930-31, and previous eds. **Born** at Eau Claire, Wis., Feb. 2, 1876; son of Halvor H. and Mathelde (Alstad) R.

**REQUE, PETER AUGUSTUS**, A.B., Luther College, 1891; M.D., University of Vermont, 1896. **Instructor** in Dermatology and Radiology, Medical College, Long Island College Hospital, Brooklyn, N. Y., now and for many years. **Instructor** and Radiotherapist, Long Island College Hospital; Physician, Brooklyn, N. Y., since 1896; Major, Medical Officers Reserve Corps, on active duty attached to Headquarters, 1st Corps Area, 1st Division. **Member:** Medical Society of Kings County; Brooklyn Medical Association; Brooklyn Pathological Society; Fellow, American Medical Association; Fellow, American College of Physicians. Donor of a farm valued at \$10,000 to the historical museum at Luther College, 1930. **Born** at



New Lisbon, Wis., June 14, 1869; father, the late Rev. Styck S. Reque, organizer of the first 3 Norwegian Lutheran churches in the State of Texas, 1867-71, and Pastor at Spring Grove, Minn., 1871-1910, was born at Voss, came to the United States in 1845, at the age of 9; mother was a sister of Hon. R. B. Anderson (q. v.); cousins: Prof. S. S. Reque, of Luther College; Rev. S. T. Reque, of St. Paul; Prof. L. S. J. Reque, of Gale College, Galesville, Wis.; Dr. H. A. Reque, Brooklyn, N. Y.; Dr. Dikka Reque, administrative secretary, International Student Service, Geneva, Switzerland, since 1930; Dr. S. B. Hustvedt (q. v.); Dr. A. K. Anderson (q. v.); uncle, the late Prof. Lars S. Reque, was U. S. Consul-General at Rotterdam, Holland, 1893-97, and Professor at Luther College for 37 years; brothers: Gerhard Reque, electrical engineer, Allentown, Pa.; L. Reque, pharmacist, Newfane, Vt.; Dr. Syver B. Reque, Westby, Wis.; Dr. William A. Reque, Stockholm, Wis.; son, Paul Reque, is a medical student; another son, P. E. Reque, is a practising attorney of New York.

**REUSCH, HANS HENRIK**, Ph.D., University of Oslo, 1883; Hon. Sc.D., Oxford University, 1907. **Sturgis-Hooper Professor of Geology, Harvard University, Cambridge, Mass., 1897-98.** Director, Norwegian Geological Survey, 1888-1921; also Lecturer on Physical Geography, University of Oslo, a number of years prior to 1922. **Author:** *Silurian Fossils and Pressed Conglomerates in the Measures of Bergen*, 1883 (in which is revealed for the first time the presence of fossils in crystal-measures, giving a new direction to the study of geology); *Bömmelöden og Karmöden med Omgivelser; Geology of Norway*, 1910; also text-books on Geography, Natural History, and Physical Geography. Member of various geological and other learned societies. **Awarded** the English Gold Medal for his contribution to the science of geology; decorated by the Government of Russia with the order of St. Anna. **Biography in** *Who's Who in Science*

—*International*, London, 1914; *Hvem er hvem?*, Oslo; *Aschehougs Konversationsleksikon*, Oslo, 1925; *Salmonsens Konversations Leksikon*, Copenhagen. Born in Bergen, 1852; died, 1922.

**REYERSON, LLOYD HILTON**, A.B., Carleton College, 1915; A.M., University of Illinois, 1917; Ph.D., Johns Hopkins University, 1920. **Associate Professor of Chemistry, University of Minnesota, Minneapolis, Minn., 1926 to date.** 2nd Lieutenant, Chemical Warfare Service, Washington and Baltimore, 1917-19; Instructor in Chemistry, University of Minnesota, 1919-21; Assistant Professor of Chemistry, same, 1921-26; John Simon Guggenheim Memorial Foundation Fellow for Foreign Travel and Study, 1927-28. **Author:** "The Reducing Action of Hydrogen absorbed in Silica Gel," *Journal of American Chemical Society*, Vol. 47, pp. 610-612, 1925; "Catalysis by Metallized Silica Gels," *Colloid Symposium Monograph*, Vol. III, pp. 99-102; "The Nature of Metal Films reduced on the Surface of Silica Gel," *Journal of Physical Chemistry*, Vol. XXX, pp. 1623-1627, 1926; "The Adsorption of Gases by Metallized Silica Gels," *ibid.*, Vol. XXXI, pp. 88-101, 1927; "The Catalytic Activity of Metallized Silica Gels: I. 'The Hydrogenation of Ethylene,'" *Journal of Physical Chemistry*, Vol. XXXI, pp. 1220-1229, 1927; II. "The Hydrogenation of Acetylene," *ibid.*, Vol. XXXI, pp. 1332-1337, 1927; III. "The Synthesis of Water," *ibid.*, Vol. XXXII, pp. 113-120, 1928; IV. "The Oxidation of Methane," *ibid.*, Vol. XXXII, pp. 192-201, 1928; V. "The Oxidation of Ethylene," *Journal of American Chemical Society*, Vol. 50, pp. 2872-2878, 1928. **Member:** American Chemical Society; American Electrochemical Society; American Physical Society; Alpha Chi Sigma; Phi Lambda Upsilon; Sigma Xi; Phi Beta Kappa; Fellow, American Association for the Advancement of Science. **Biography in** *American Men of Science*, 1927. Born at Dawson, Minn., May 1, 1893; paternal grandparents were born in Norway,

father's mother coming from Christiansand S.

**REYMERT, MARTIN LUTHER**, B.A. (Examen Artium), Aars and Voss Gymnasium, Oslo, 1903; Graduate, Military Academy, Oslo, 1904; Graduate, State Normal School, Holmestrand, 1905; M.A. (Examen Philosophicum), University of Oslo, 1906; Graduate Work, *ibid.*; Ph.D., Clark University, 1917. Professor of Experimental Psychology, Head of the Department of Psychology, and Director of the Psychological Laboratory, Wittenberg College, Springfield, Ohio, 1925-30. American - Scandinavian Foundation Fellow in Psychology, Clark University, 1916-17; Lecturer, University of Oslo, Fall Term 1917; Fellow in Psychology, State University of Iowa, 1918-19; Research Associate, Iowa Child Welfare Research Station, State University of Iowa, 1919-20; Assistant Professor of Psychology, University of Oslo, and Lecturer on Experimental Psychology, State Agricultural College, Aas, 1920-25; Director, Mooseheart Laboratory for Child Research (a new child research center), Mooseheart, Ill., 1930—. **Author:** *Opdragelse og Vernekræft*, With & Company, Oslo, 1921 (an international survey of education and preparedness, including an account of intelligence measurements in use in the U. S. Army, and the educational test system applied to Swiss recruits); "Zur Frage nach den Idealen des Kindes," *Zeitschrift für Pädag. Psychologie*, Vol. XVIII, p. 226 ff., 1916; "Über Persönlichkeitsideale im höheren Jugendalter," *ibid.*, Vol. XIX, p. 10, ff., 1916; "The Psychology of the Teacher," *Pedagogical Seminary*, Dec. 1917; "Amerikanske Universiteter," a critical comparative study, *Atlantis* (Norwegian-French journal, Oslo), No. 10, 1919; "Talent and Experimental Psychology," a critical exposition of the Seashore Tests for Musical Talent, *Ukens Revy* (Oslo), No. 39, 1920, and No. 45, pp. 1173-78; "Continuation and Part-time Schools in Norway," *Bulletin No. 73, Federal Board for Vocational Education*, 1922; "A New Elbow Ergo-

graph," *Scandinavian Scientific Review*, Vol. 1, No. 1, 1922; "The Development of Verbal Concept of Relationship in Early Childhood," *ibid.*, Vol. II, No. 2, 1923; "The Personal Equation in Motor Capacities," *ibid.*, Vol. II, Nos. 3 and 4, 1923; "The Adaptability of a General Theorem to Statistics," *ibid.*, Vol. III, No. 1, 1924; "G. Stanley Hall: In Memoriam," *ibid.*, Vol. III, No. 2, 1924; "Inauguration of the Institute for Research into Comparative Culture," *ibid.*, Vol. III, No. 2, 1924; also numerous other contributions to scientific journals, and reports furnished governmental bodies. **Editor:** *Feelings and Emotions* (The Wittenberg Symposium), Clark University Press, 1928. Founder, *Scandinavian Scientific Review*, 1921; Editor-in-Chief, *same*, 1921-26. Collaborator on *Psychological Abstracts*, 1927 to date. Delegate to various International Congresses of Psychology. **Lecture** on "Modern Lines in Norwegian Military Education" delivered at 2nd International Congress of Moral Education, The Hague, 1912 (on a personal grant by the Norwegian Storting); Lecturer, annual convention of American Association for the Advancement of Science, Kansas City, Mo., 1925; Lecturer, 8th International Congress of Psychology, University of Groningen, 1926. Completed experimental examination of 3,000 school children of the city of Drammen, and of 900 Normal School students throughout Norway, 1915; standardized intelligence tests for Norway, 1921-25; has devised and constructed several apparatus for use in psychological laboratories, one of which for the Psychiatric Institute of the University of Oslo; established Psychological Laboratory at Wittenberg College, 1925; arranged the Psychological Conference for the Discussion of "Feelings and Emotions," Wittenberg College, Oct. 1927 (taken part in by 35 psychologists of 11 countries, the first conference of its kind ever attempted). **Member:** American Psychological Association; Psychological Corporation of New York; Deutsche



Gesellschaft für experimentelle Psychologie; Knight, Order of the Disputed Apple, Aars and Voss Gymnasium; Founder, Springfield (Ohio) Chapter, American-Scandinavian Foundation, 1925; President, same; Fellow, American Association for the Advancement of Science; Fellow, Ohio Academy of Science; Vice-President in charge of Psychology, Ohio Academy of Science, 1929-30; President, Section of Psychology, Ohio College Association, 1929-30; Chairman, Symposium on "Mental Tests," 9th International Congress of Psychology, Yale University, New Haven, Conn., Sept. 1-7, 1929. *Biography in American Men of Science*, 1927; *Who's Who in America*, 1928-29; *International Blue Book*, London, Paris, and New York, 4th Ed. Born at Holmestrand, Nov. 10, 1883; grandnephew of August Reymert, well-known attorney of New York; distant relative of Hon. James D. Reymert, editor of *Nordlyset*, Muskego, Wis., 1847-49 (the first Norwegian newspaper published in America), later U. S. District Judge; great-grandson of Rt. Rev. Johan Nordahl Brun, poet and bishop of Bergen; distant relative of Hon. Frederick P. Brown (the bishop's grandson), Secretary of State of Minnesota, 1891-95.

**RIDDERVOLD, ADOLPH STORM**, Graduate, Oslo Technical School, 1895; Technische Hochschule, Hanover, Germany, 1905. Assistant Professor of Civil Engineering, University of Nebraska, Lincoln, Neb., 1911-18. Engaged in practical engineering work, chiefly in Chicago, 1895-1911, and 1918 to date. Member: Society for the Promotion of Engineering Education, 1911-18. Born at Bjugn, Nordre Trondhjems Amt, Jan. 13, 1874; grandson of Hon. Hans Riddervold, Member of the Norwegian Storting, 1827-42, President of the Storting, 1830-42, Bishop of Trondheim, 1843-48, and Minister of Church and Education in the Norwegian Cabinet, 1848-72; son of the late Provst Adolf Riddervold of Borge; nephew of the late Rev.

Julius Riddervold, clergyman, teacher, and author; on mother's side, grandson of the late Rev. Storm of Trondheim, and nephew of Thora Storm, founder of the Misses Storm's School for Girls, Trondheim; brother of Dr. Hans Riddervold (q. v.).

**RIDDERVOLD, HANS**, Cand. Real., University of Oslo, 1902; Ph.D., University of Erlangen, Germany, 1908. Instructor in Electrical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa., 1910-11. Instructor in Electrical Engineering, Technische Hochschule, Hanover, Germany, 1905-09; Principal (overlærer), Oslo Tekniske Mellemsskole, Oslo, Norway, 1913 to date. Author: *Über elastische Längenänderungen und Schallerregung bei Magnetisierung durch Gleich- und Wechselstrom* (doctoral dissertation, University of Erlangen), H. Osterwald, Hanover, 1909; *Experimentel Elektrotechnik*, H. Aschehoug & Co., Oslo, 1918; *Dynamoer og Transformatorer*, Aschehoug, 1919; *Elementär Elektrotechnik*, Aschehoug, 1921; *Opgavesamling i Elektrotechnik*, Gyldendal Norsk Forlag, Oslo, 1921; *Grundtræk av den Høiere Matematik*, Aschehoug, Oslo, 1922. Born at Bjugn, Norway, Sept. 12, 1877; brother of Prof. A. S. Riddervold (q. v.).

**RINGHEIM, SEVERI L.**, Instructor in Elocution and Physical Culture, Grinnell College, Grinnell, Iowa, 1891-93.

**RINGOEN, ADOLPH R.**, A.B., University of Iowa, 1909; A.M., University of Minnesota, 1913; Ph.D., University of Minnesota, 1919. Associate Professor of Zoology, University of Minnesota, Minneapolis, Minn., 1929—. Assistant in Animal Biology, University of Iowa, 1909-11; Assistant in Animal Biology, University of Minnesota, 1913-19; Instructor in Animal Biology, University of Minnesota, 1919; Assistant Professor of Animal Biology, same, 1926-29. Author: "Observations on the Origin of the Mast Leucocytes of the Adult

Rabbit." *Anatomical Record*, Vol. 9, 1915; "Observations on the Differentiation of the Granules in the Eosinophilic Leucocytes of the Bone-Marrow of the Adult Rabbit," *ibid.*, Vol. 9, 1915; "The Hemohistioblasts of Ferrata," *ibid.*, Vol. 27, 1924; "Further Studies of Ferrata's Hemohistioblasts," *ibid.*, Vol. 29, 1925; "The Development of the Gastric Glands in *Squalus acanthias*," *Journal of Morphology*, Vol. 32, 1919; "The Origin of the Eosinophil Leucocytes of Mammals," *Folia Haematologica*, Archiv (Germany), Vol. 27, 1921; "The So-called 'Hemohistioblasts' of Ferrata in Myelogenous Leukemia," *ibid.*, Vol. 33, 1927; "The Mast Leucocytes in the Adult Guinea Pig under Experimental Conditions," *American Journal of Anatomy*, Vol. 31, 1923; "The So-called 'Hemohistioblasts' of Ferrata in Myelogenous Leukemia," *Strasbourg Médical*, 1927; also abstracts of papers dealing with the morphology of the blood for *Biological Abstracts*. One of the American collaborators on *Folia Haematologica* (German journal). **Member:** American Society of Zoologists; American Association of Anatomists; Sigma Xi; Fellow, American Association for the Advancement of Science. **Biography in** *American Men of Science*, 1927. **Born** at Ridgeway, Iowa, Jan. 1, 1887; father came from Kinservik, Hardanger.

**RIVENES, ROLENA**, B.A., University of North Dakota, 1923; Graduate Work, *ibid.*, 1925. **Instructor in Scandinavian Languages**, University of North Dakota, Grand Forks, N. Dak., 1923-25. Teacher in Public Schools, 7 years; Student Assistant in Scandinavian Languages, University of North Dakota, 1921-23. **Author:** "Status of the Scandinavian Languages," paper presented to the modern Language Section, North Dakota Educational Association, 1924. **Member:** Phi Beta Kappa (honorary scholastic); Pi Lambda Theta. **Biography in** *Directory of Lutheran Teachers*, 1927. **Born** in the United States; parents came from Haus, near Bergen.

**ROCKNE, KNUTE KENNETH**, B.S., University of Notre Dame, 1914. **Professor of Physical Education and Director of Athletics, University of Notre Dame, Notre Dame, Ind., 1925 to date.** Instructor in Chemistry, University of Notre Dame, 1914-20; Director of Athletics, same, 1916 to date. Also Instructor in Physical Education, International Y. M. C. A. College, Springfield, Mass., Summer 1923; William and Mary College, Henderson - Brown College, and University of Southern California, Summer 1924; Oregon State Agricultural College, William and Mary College, Culver Military Academy, International Y. M. C. A. College, and St. Edward's University, Summer 1925; Instructor of Football Coaches, Honolulu, Hawaii, Winter 1926; Advisory Coach, St. Thomas College, St. Paul, Minn., 1928—. **Record of Rockne's football team:** 1924: Defeated Lombard, Wabash, Army, Princeton, Georgia Tech, Wisconsin, Nebraska, Northwestern, and Carnegie Tech; being the strongest team in the East, went West and defeated the strongest team there, Stanford University. 1926: Beat Pennsylvania State 28 to 0; Northwestern 6 to 0 before 41,000 spectators, including General Pershing, Vice-President Dawes, and other notables; Georgia Tech 12 to 0; Indiana 26 to 0; Army (West Point) 7 to 0 before 72,000 people; Drake 21 to 0; Southern California 13 to 12 before a crowd of 76,500; Beloit 77 to 0; Minnesota 20 to 7. 1927: Defeated Navy, which had remained unbeaten since 1925, 19 to 6, before 60,000 people; Georgia Tech 26 to 7, its first defeat of the season; Drake 32 to 0; Indiana 19 to 6; Coe 28 to 7; Southern California 7 to 6 while 114,000 looked on; tied with Minnesota, "the big blast of the football season in the West." 1928: Downed Drake 32 to 6; Pennsylvania State 9 to 0; Army 12 to 6 at Yankee Stadium, New York, "in one of the most dramatic battles ever fought between these traditional rivals" before "something like 90,000 crowded into the stands,



and something like 5,000 parked on roofs, fire escapes, elevated platforms," etc.; defeated Navy 7 to 0 at Soldiers Field, Chicago, before 117,000 persons. 1929: Beat Indiana 14 to 0; Navy 14 to 7 before 80,000 people; Army 7 to 0 before 85,000; Wisconsin 19 to 0 before 90,000 spectators; Carnegie Tech 7 to 0 before 70,000, "the largest crowd to see a sporting event in Pittsburgh"; Georgia Tech 26 to 6; Drake 19 to 7; Northwestern 26 to 6; and then, on Nov. 16, 1929, "Knut Rockne's most dazzling machine," "with a trail of destruction behind it that reached from Georgia Tech through Navy, Indiana, Wisconsin, Drake, and Carnegie Tech, struck with violent fury again" to defeat Southern California, as it swept on "toward establishing Notre Dame as the most irresistible football force in the land," "before the largest crowd that has ever seen an American football game—a crowd that exceeded 120,000 spectators." N. Y. *Times*, Nov. 16, 1929. 1930: Defeated Southern Methodist 20 to 14; Navy 26 to 2; Carnegie Tech 21 to 6; Pittsburgh 35 to 19; Indiana 27 to 0; Pennsylvania 60 to 20; Drake 28 to 7; Northwestern 14 to 0; Army 7 to 6; and Southern California 27 to 0. **Record of games won and lost by Rockne's team:** 1917 won 7, lost 1; 1918 won 3, lost 1; 1919 won 9, lost 0; 1920 won 9, lost 0; 1921 won 10, lost 1; 1922 won 8, lost 1; 1923 won 9, lost 1; 1924 won 10, lost 0; 1925 won 7, lost 2; 1926 won 9, lost 0; 1927 won 7, lost 1; 1928 won 5, lost 4; 1929 won 9, lost 0; 1930 won 10, lost 0. Total of games won and lost by the Notre Dame team, 1917-30: won 112, lost 12. Total number of points, 1917-30: Notre Dame team 2988; opponents 676. "It was left to Knute Rockne to stamp the imprint of his own personality over a nationwide foot-ball field and to contribute more than any other single individual to the growth and improvement of the modern game." *American Magazine*, Nov. 1929. **Author:** *Coaching*, Devin-Adair Company, New York, 1925. **Member:** Illinois Athletic Club; Chicago Athletic Club; Hamilton Club, Chicago; Kiwanis. **Biography**

in *Who's Who in America*, 1928-29 ed. Born at Vossevangen, March 4, 1888; brought to Chicago in 1893; traveled in Norway, 1928.

**RODE, HANS HENDRIK**, Examen Artium, 1903; Student of Pure and Applied Mathematics, University of Oslo, 1903-04; Diploma (with distinction) in Structural Engineering, Technische Hochschule, Hanover, Germany, 1908; Student of Pure and Applied Mathematics, Technische Hochschule, Berlin, 1914-16; Dr. Ing. (with distinction), Technische Hochschule, Hanover, 1916. **Visiting Professor of Applied Mathematics**, Reed College, Portland, Ore., 1926-27. With the firm of Louis Eilers, Hanover, Germany, and Assistant in Mechanics, Technische Hochschule, Hanover, 1908-09; Assistant to Dr. Gustav Lindenthal (see *Who's Who in America*), New York City, 1909-12; Assistant to Prof. Otzen, Technische Hochschule, Hanover, Germany, Summer, 1912; Chief Engineer, bridge works of Steffens and Nölle, A.G., Berlin, Germany, 1912-14; Professor of Mechanics, Norway Institute of Technology, Trondheim, 1916-30; absent on leave, Resident Engineer in charge of the Multnomah County bridge building program, Portland, Ore., including the construction of 3 large bridges (one of which is the second largest bridge of its kind in the world) at an aggregate cost of \$6,000,000, 1924-27. **Author:** *Beitrag zur Theorie der Kuickerscheinungen* (thesis for Dr. Ing.), Wilhelm Engelmann, Leipzig, 1918; *Mekanik: I. Elementar Statik*, F. Bruns Boghandels Forlag, Trondheim, 1923 (the first volume of a work planned to include 3 or 4 vols.); "Influensfelter," *Teknisk Ukeblad*, Oslo, 1918. **Member:** American Society of Civil Engineers; Norsk Ingeniørforening; Royal Norwegian Academy of Science, Trondheim. Born at Røros, Norway, Jan. 29, 1885; died by automobile accident in Tyrol, Italy, July 18, 1930.

**ROGNLEY, OSWALD, B.A.**, St. Olaf College, 1915; M.A., University of Minnesota, 1917; Ph.D.,

University of Minnesota, 1922. Instructor in Physics, University of Minnesota, Minneapolis, Minn., 1920-22. Scholar in Physics, University of Minnesota, 1915-16; Teaching Fellow in Physics, same, 1916-17; with Bureau of Standards, Washington, D. C., 1917-18; Assistant in Physics, University of Minnesota, 1918-19; Instructor in Physics, St. Olaf College, 1919-20. **Author:** "Is the Atom the Ultimate Particle?", *Physical Review*, Vol. XVI, Nov. 1920; "The Electric Field of a Magnetized Ellipsoid Rotating about its Axis of Magnetization," *Physical Review*, 1922 (?). **Member:** Sigma Xi; Gamma Alpha; Associate member, American Physical Society. "Possessed an unusually analytical mind with an exceptional ability to detect discrepancies and unjustifiable irregularities. His high regard for the genuine was as pronounced as his abhorrence for what is generally known as 'sham'." **Biography in Hills** (Minn.) *Crescent*, April 20, 1922; *School Calendar*, 1924. **Born** in St. Paul, Minn., Feb. 19, 1891; died, April 6, 1922; parents, Mr. and Mrs. Hans Rognley of Hills, Minn., came from Nordre Fron, Gudbrandsdalen; brother, Peter Rognley, is Senior Auditor, Income Tax Unit, U. S. Treasury Department, Washington, D. C.

**ROLLAND, DAGNY MORDT** (Mrs. Halfdan Rolland), Instructor in Vocal Music, Wells College, Aurora, N. Y., 1887-88. Later resident of Jacksonville, Fla. Sister, Fredrikke Mordt (Mrs. Andrew Mencke), has for many years been a pianist, teacher, and choir director in Jacksonville, Fla. (see *The Musical Blue Book of America*, 1915-16, 1916-17).

**ROLLEFSON, AIMAR HERMO**, B.A. (with high honors), University of Wisconsin, 1923; M.A., *ibid.*, 1924; Ph.D., *ibid.*, 1928. Assistant Professor of Physics, University of Akron, Akron, Ohio, 1927 to date. Principal, Union Free High School, Cable, Wis., 1920-21; Student Research Assistant in Physics, University of Wis-

consin, 1922-23; Assistant in Physics, same, 1923-26; Assistant Professor of Physics and Mathematics, Hamline University, 1926-27. **Member:** American Physical Society; Akron Society of Applied Physics; Akron University Club; Franklin Club (Akron); Phi Beta Kappa; Sigma Xi; Gamma Alpha. **Born** in Grand Forks, N. Dak., Dec. 13, 1901; son of Dr. C. J. Rollefson (q. v.); maternal grandfather, the late Rev. J. I. Krohn, Pastor in Illinois and Minnesota, 1863-89, was born in Melhus, N. Dalene, near Trondheim; mother, Mrs. C. J. Rollefson, served as Preceptress and Teacher of Music, Baptist College, Sioux Falls, S. Dak., 1894-95, and Preceptress and Teacher, St. Olaf College, 1895-97; grandnephew of the late Prof. Laur. Larsen, President of Luther College, 1861-1902; brother of Dr. G. K. Rollefson (q. v.).

**ROLLEFSON, CARL JACOB**, A.B., St. Olaf College, 1890; Graduate Work, University of Minnesota, 1891-92; Cornell University, 1893-95, 1897-98; M.D., Rush Medical College, Chicago, 1906. Assistant Professor of Mathematics and Physics, in Charge of the Department of Physics, University of North Dakota, Grand Forks, N. Dak., 1898-1903. Also in Charge of the Department of Scandinavian Languages and Literatures, same. Professor of Physics, Chemistry, and Mathematics, St. Olaf College, 1890-91, 1892-93, and 1895-97; Physician, Ellsworth, Strum, and Chippewa Falls, Wis., 1906-12; Teacher of Physiology and Hygiene, and School Physician, State Normal School, Superior, Wis., 1912 to date. Captain, Medical Corps, U. S. Army, 1918-19. **Author:** "A Phonographic Method of Recording the Alternating Current Curve," *Physical Review*, 1894; "Spectra of Mixtures," *ibid.*, Aug. 1900. **Member:** Wisconsin State Medical Society; Douglas County Medical Society; Fellow, American Medical Association. **Biography in** *American Lutheran Biographies*; *Nelson's History of the Scandinavians and Successful Scandinavians*;



*School Calendar*, 1924; *Who's Who in American Medicine*, 1925. Born at North Prairie, Minn., Dec. 15, 1866; father, Knut Rollefson, pioneer farmer at Arendahl, Minn., came from Fjeldstad, Nissedal, Telemarken, in 1861; mother (née Syftestad), also from Nissedal; brother, the late Rev. R. K. Fjeldstad, was a Pastor in Minnesota, 1884-1912; son, Egbert Rollefson, taught physics at the University of Minnesota High School, 1921-25, and has since been with the Pfanstiehl Radio Company, Waukegan, Ill.; youngest son, Ragnar Oswald Rollefson, was a Scholar in Physics, University of Wisconsin, 1926-27, and has since been Assistant in Physics, same; father of Dr. Aimar H. Rollefson (q. v.), and Dr. G. K. Rollefson (q. v.).

**ROLLEFSON, CHRISTENE**, see Christene Rollefson Larson.

**ROLLEFSON, GERHARD KROHN**, A.B., University of Wisconsin, 1920; A.M., *ibid.*, 1921; Ph.D., University of California, 1923. Assistant Professor of Chemistry, University of California, Berkeley, Calif., 1927 to date. Principal of High School, Minong, Wis., 1917-18; Assistant in Physics, University of Wisconsin, 1919-20; Assistant in Chemistry, same, 1920-21; Teaching Fellow in Chemistry, University of California, 1921-22; Du Pont Fellow, same, 1922-23; Instructor in Chemistry, same, 1923-27; John Simon Guggenheim Memorial Foundation Fellow, Germany, 1925-26. **Author**: "Very Soft X-rays—The M-Series of Iron," *Science*, 1923; "A High Resistance for Use with Electrometers," *ibid.*, 1924; "A New Method for Determining Soft X-rays," *ibid.*, Vol. 62, p. 497, 1925; "Spectral Series in the Soft X-ray Region," *Physical Review*, 1924; "Characteristic X-rays from Lithium," *ibid.*, Vol. 25, p. 740, 1925; "Beziehung zwischen Absorptionsspektren und chemischer Bindung bei Alkalihalogeniddämpfen," *Zeitschrift für Physik*, Vol. 43, p. 155, 1927; "The Effect of a Non-volatile Solute on

the Partial Pressures of Liquid Mixtures at the Boiling Point," *Journal of American Chemical Society*, Vol. 47, p. 1785, 1925; "Ebullioscopic Measurements in Mixed Solvents," *ibid.*, Vol. 47, p. 1791, 1925; "The Photosynthesis of Hydrochloric Acid at Low Pressures," *ibid.*, Vol. 51, p. 770, 1929; "A Modified Pirani Gauge for Use in Corrosive Systems," *ibid.*, Vol. 51, p. 804, 1929. **Member**: American Chemical Society; Phi Beta Kappa; Sigma Xi; Phi Lambda Upsilon; Alpha Chi Sigma; Fellow, American Association for the Advancement of Science. **Biography in American Men of Science**, 1927. Born at Grand Forks, N. Dak., Jan. 12, 1900; brother of Dr. A. H. Rollefson (q. v.).

**ROMNESS, JULIUS, A.B.**, University of Minnesota, 1922. Assistant Professor of Agricultural Physics, University of Minnesota College of Agriculture, St. Paul, Minn., 1924 to date. Born near Belgrade, Minn., 1897; father came from the vicinity of Skien; mother, from Tvedte, Valevaag, near Bergen.

**ROOD, ELMA**, Graduate, State Normal School, Mankato, Minn.; Diploma in Nursing, 1914; B.S., Teachers College, Columbia University, 1922; M.A., *ibid.*, 1926. **Associate Professor, Nursing Education, and Director of School Health Program, George Peabody College for Teachers, Nashville, Tenn., 1926-29.** Teacher in Rural and Village Schools, Minn.; Teacher in Public Schools, Minneapolis, Minn., 1905-11; Division Director, Home Hygiene, National Red Cross, 1920-22; Director of Health Education and Child Health Demonstration, Mansfield, Ohio, 1922-25; also Instructor in Health Education, Summer School, Northern Normal and Industrial School, Aberdeen, S. Dak., State Normal School, St. Cloud, Minn., Bellingham and Cheney, Wash., Boise and Lewiston, Ida., and Teachers College, Columbia University; Supervisor of Field Course in Health Education, Ashland College; Visit-

ing Lecturer in School Health, Western Reserve University. **Author** of various articles published in *Nation's Health*, *Public Health Nurse*, and *Peabody Journal of Education*. Addresses delivered before the National Nurses Association, National Teachers Association, and American Public Health Association. **Member:** Executive Committee, Department of School Health and Physical Education, National Education Association. **Born** at Faribault, Minn.; father came from Trondheim, mother from Gottenborg.

**ROREM, CLARENCE RUFUS**, A.B. (cum laude), Oberlin College, 1916; C.P.A., Indiana, 1923; A.M., University of Chicago, 1925; Ph.D., *ibid.*, 1929. **Associate Professor of Accounting, School of Commerce and Administration, University of Chicago, Chicago, Ill.** Manufactures Sales Department, Goodyear Tire and Rubber Company, 1916-17; In U. S. Army, advancing from Private to 2nd Lieutenant, Engineering Section, Ordnance Department, 1917-19; General Sales Representative, Goodyear Tire and Rubber Company, 1919-22; Assistant Professor of Economics, Earlham College, 1922-24; Income Tax Consultant (part-time), 1924—; Instructor in Accounting, University of Chicago, 1924-27; Assistant to the Dean, 1925-28; Assistant Professor of Accounting, 1927-29; Assistant Dean, 1928-29; Special Investigator for the Committee on the Cost of Medical Care (Chairman, Dr. Ray Lyman Wilbur, Secretary of the Interior), Washington, D. C., 1929—. **Author:** *Accounting Method* (592 pp.), University of Chicago Press, 1928; *Teachers Manual for Use with Accounting Method* (with W. J. Graham), University of Chicago Press, 1928; *The Bank's English*, American Institute of Banking, 1927; *The Public's Investment in Hospitals*, University of Chicago Press, 1930; "Similarities of Accounting and Statistical Method," *Accounting Review*, 1927; "Social Control Through Accounts," *ibid.*, 1928; "Differential Costs," *ibid.*, 1928; "Tendencies in

Swedish Economics," *Journal of Political Economy*, 1927; "Business Value," *Journal of Business*, 1929. **Book Reviews:** Kohler: *Federal Income Taxes*, *Journal of Political Economy*, 1925; Kohler and Morrison: *Principles of Accounting*, *ibid.*, 1927; Willoughby: *Public Administration*, *ibid.*, 1927; Smith: *General Accounting Practice*, *ibid.*, 1928; Stockder: *German Trade Associations*, *ibid.*, 1928; Grant: *Practical Accounting for Contractors*, *Journal of Accountancy*, 1926; McCarty and Amidon: *Survey Course in Accountancy*, *ibid.*, 1927; Montgomery: *Income Tax Procedure*, *Accounting Review*, 1927; Esquerre: *Accounting*, *Journal of Business*, 1928; Montgomery: *Auditing Practice and Procedure*, *ibid.*, 1929; Warshaw: *Representative Industries in the United States*, *ibid.*, 1929. **Member:** American Academy of Political and Social Science; American Economic Association; American Statistical Association; Illinois Society of Certified Public Accountants; National Association of Cost Accountants; American Management Association; Association of University Instructors in Accounting; Phi Beta Kappa, Beta Chapter, Ohio; Iowa Historical Society. **Member of Committee on Registration of Social Statistics.** **Biography** in *American Association of Collegiate Schools of Business; Who's Who in America*, 1930-31. **Born** at Radcliffe, Iowa, Nov. 17, 1894; father, O. J. Rorem, was born on the Island of Ömbo, near Stavanger; all grandparents came from the vicinity of Stavanger; second cousin, the late Andrew Rorem, was a co-founder and trustee of Pleasant View Luther College, Ottawa, Ill.; second cousin, Rev. Edward R. Rorem, was President of the Lutheran Normal School, Madison, Minn., 1921-28; brother, Silas O. Rorem, has been Supt. of Schools at Lebanon, Pa., for many years, is the author of two books on Sioux City (Iowa) Government, and editor of *The Junior High School Clearing House*, a symposium study of 8 bulletins (see *Who's Who in American Education*, 1930).



**ROSAAEN, GRACE CHRISTINE**, see Grace Christine Rosaaen Seifert.

**ROSENDAHL, CARL OTTO**, B.S., University of Minnesota, 1901; M.A., University of Minnesota, 1902; Ph.D., University of Berlin, 1905. Professor of Botany, University of Minnesota, Minneapolis, Minn., 1912 to date. Scholar in Botany, University of Minnesota, 1900-01; Instructor in Botany, same, 1901-02; Assistant, Geological and Natural History Survey of Minnesota, 1902-03; Assistant Professor of Botany, University of Minnesota, 1905-12; also Chairman of the Department of Botany, same, 1917-24. **Author**: "Die Nordamerikanischen Saxifragineen und ihre Verwandtschaftsverhältnisse in Beziehung zu ihrer Geographischen Verbreitung" (thesis for Ph.D.), published in Engler's *Botanische Jahrbuch*, 1905; *Guide to Ferns and Fern Allies of Minnesota* (with F. K. Butters), 1911; *Guide to Autumn Flowers of Minnesota* (with F. E. Clements and F. K. Butters), 1916; *Guide to Spring Flowers of Minnesota* (with F. K. Butters), 5th Ed. 1923; *Trees and Shrubs of Minnesota* (with F. K. Butters), University of Minnesota Press, 1928; "Observation on Plant Distribution in the Renfrew District of Vancouver Island," *Postelsia*, Yearbook Minnesota Seaside Station, 1906; a number of monographs and other technical papers, published in various botanical journals and periodicals, 1902 to date. **Member**: Botanical Society of America; Ecological Society of America; Biological Society of Washington; American Geographical Society; Botanische Vereinigung, Province of Brandenburg, Germany; Sigma Xi; Phi Beta Kappa; Acacia; Theta Chi; Fellow, American Association for the Advancement of Science. **Biography** in *Dictionary of the University of Minnesota*, 1908; *American Men of Science*; *Who's Who in America*. **Born** at Spring Grove, Minn., Oct. 24, 1875; father came from Hadeland; mother, from Aadalen.

**ROSSELAND, SVEIN**, Examen Artium, Haugesund, 1917; Ph.D., University of Oslo, 1927. **Lecturer** in Cosmic Physics, Harvard University, Cambridge, Mass., 1929-30. Student, University of Oslo, 1917-19; Assistant to Dr. Vilhelm Bjerknes, Geophysical Institute, Bergen, 1919-20; Study and Research Work in Copenhagen and Leyden, including work with Niels Bohr and Albert Einstein, 1920-24; Fellow of the Carnegie Institution of Washington, carrying on researches at Mount Wilson Solar Observatory, Pasadena, Calif., 1924-26; called to Chair of Astronomy at University of Michigan, but declined; Assistant to Niels Bohr, Copenhagen, 1926-27; Professor of Astronomy and Director of the Observatory, University of Oslo, 1927-29 and 1930—; called to professorship at Harvard University, but declined. **Author**: *The Theory of the Stellar Absorption Coefficient*, reprinted from *Astrophysical Journal*, Vol. LXI, 1925, issued as Contributions from the Mount Wilson Observatory No. 296, Chicago, 1925; *On the Origin of Bright Lines in Stellar Spectra*, 18 pp., repr. from *Astrophys. J.*, Vol. LXIII, 1926, issued as Contr. from Mt. Wilson Obs. No. 309, Chicago, 1926; *On the Transmission of Radiation through an Absorbing Medium in Motion, with Applications to the Theory of Sunspots and Solar Rotation*, repr. from *Astrophys. J.*, Vol. LXIII, 1926, issued as Contr. from Mt. Wilson Obs. No. 313, Chicago, 1926; also numerous other treatises. "One of the leading men of Europe in theoretical astrophysics." **Born** at Kvam, Hardanger, 1894.

**ROVELSTAD, A D O L P H MARIUS**, A.B., St. Olaf College, 1903; A.M., University of Michigan, 1906; Ph.D., University of Michigan, 1921. Professor of Latin, University of North Dakota, Grand Forks, N. Dak., 1930—. Principal of High School, Glenwood, Minn., 1903-05; Fellow in Classical Languages, University of Michigan, 1906-07; Head of the Greek Department, Luther College, Decorah, Iowa, 1907-10; Professor and Head

of the Department of Latin, Luther College, 1910-27; Professor of Latin, St. Olaf College, Northfield, Minn., 1927-30. **Author** of various papers dealing with subjects in Latin language, literature, and history. With Bureau of University Travel, Mediterranean, June-Sept. 1912. **Member:** American Philological Association; Classical Association of the Middle West and South (Chairman, Reading Circle, 1922). **Biography** in *School Calendar*, 1924. **Born** at Elgin, Ill., June 15, 1881; father, Andrew Rovelsstad, came from Nordre Odalen about 1870, was later a jeweler at Elgin, Ill.; mother, Inge M. (Korsmo) R., came from Solør; brother, E. A. Rovelsstad, has been assistant news editor of *Minneapolis Journal* since 1918.

**RUDE, AXEL SELMER, B.A.,** University of North Dakota, 1915; M.A., *ibid.*, 1923. **Instructor** in Education, Oregon State Agricultural College, Corvallis, Ore., 1926-27.

**RUDE, MINNIE B., B.S.,** South Dakota State College, 1923; Graduate in Piano and Pipe Organ, *ibid.*; Graduate in Piano under Allen Spencer, American Conservatory, Chicago; Graduate Work in Pipe Organ under Frank Van Dusen, American Conservatory, Chicago. **Head of the Piano Department, Lenoir-Rhyne College, Hickory, N. C.,** 1925 to date. **Organist,** First Lutheran Church, Brookings, S. Dak., 4 years; **Assistant Organist,** First Congregational Church, Chicago, 1923-24; **private teacher** of Piano and Pipe Organ, several years. **Appearing** in public recitals and in concerts. **Born** in South Dakota; father, George G. Rude, came from Rudie, Østre Slidre, Valdres, in 1870, was a pioneer in South Dakota, served as County Assessor, and since 1885 has been a merchant in Brookings; mother's parents came from Vestre Slidre, Valdres; sister, Evelyn Rude, is a recital and church singer of Chicago; another sister, Ida J. Rude, taught Biology at Cornell College, Mount Vernon, Iowa,

1925-26, and later in the Public Schools of Gary, Ind.

**RUDE, THEODORE CHRISTIAN,** Student, Royal Conservatory of Music, Leipzig, 1883-84; Alliance Francaise, Paris, 1895-96; Pupil of Fr. Hermann, Leipzig; A. Brun, Lucien Andre, and Pietrapertosa, Paris; Emilio Calamara, Chicago Conservatory. **Instructor in Violin and Stringed Instruments, Iowa College (now Grinnell College), Grinnell, Iowa,** 1890-94; **Teacher, Mary Nash Female College, Sherman, Tex.,** 1894-95; **Teacher, Patton Seminary, Dallas, Tex.,** 1897-98; **Teacher, Ouachita College,** 1898-99; **Instructor in Stringed Instruments, West Virginia University,** 1899-1901; **Teacher, Western College,** two years; **Teacher in Tennessee and Georgia,** 1903 (?) -11; **Instructor in String Instruments, Oklahoma Agricultural and Mechanical College,** 1911-15; **Resident of Cedar Falls, Iowa,** 1915-26. "Mr. Rude is without doubt the best violinist the Conservatory has ever had \* \* \* ." (*Herald*, Grinnell, Iowa, March 12, 1891); "Prof. Theo. C. Rude \* \* \* is a gentleman of rare talent and is the best teacher we have ever had in this department." (President J. W. Conger, Ouachita College, June 1, 1899). **Born** near Cedar Falls, Iowa, March 28, 1857; died in Berlin, Germany, Jan. 22, 1926; parents, Paul Rude, and Ellen (Anderson) Rude, came from Hedemarken; brother of Mrs. Martin Engebretson, Sheffield, Iowa, and of the late E. G. Rude, merchant of Rolfe, Iowa.

**RUE, JULIA B., A.B.,** University of North Dakota, 1919; A.M., *ibid.*, 1920. **Instructor in Geography, Southern Illinois Normal University, Carbondale, Ill.,** 1918-21. **Teacher, Public Schools, Warren, Minn.,** 1913-15; **Teacher, Public Schools, Arvilla, N. Dak.,** 1915-16; **Cooperstown, N. Dak.,** 1916-18; **Travel in Norway,** 1923-24; **Teacher of Geography, and Critic Teacher, State Teachers College, Minot, N. Dak.,** 1924 to date.



**Author:** "The Economic Geography of Lignite Coals of North Dakota," thesis for M.A.; also articles on the Teaching of Geography contributed to *School News* for many years. **Member:** North Dakota Academy of Science; Phi Beta Kappa; Sigma Xi. **Born** at Rushford, Minn.; parents came from Hovin, Telemarken; grandfather was a nephew of John Thompson Rue ("Snowshoe Thompson"), the first carrier of mail on skis in the United States, who for 20 years (1856-1876) carried the mail over the Sierra Nevada Mountains, and whose skis are now preserved in the State Museum at Sacramento, Calif.

**RUNNING, THEODORE RUDOLPH**, B.S., University of Wisconsin, 1892; M.S., *ibid.*, 1896; Ph.D., *ibid.*, 1899. **Professor of Mathematics, University of Michigan, Ann Arbor, Mich., 1920 to date.** Professor of Mathematics, Physics, and Chemistry, St. Olaf College, 1893-95; Fellow in Mathematics, University of Wisconsin, 1895-97; Instructor in Mathematics, same, 1897-1900; Professor of Mathematics, Chemistry, and Physics, St. Olaf College, 1900-03; Instructor in Mathematics, University of Michigan, 1903-07; Assistant Professor of Mathematics, University of Michigan, 1907-13; Junior Professor of Mathematics, same, 1913-15; Associate Professor of Mathematics, same, 1915-20; also Acting Assistant Dean of the College of Engineering and Architecture, same, 1924-25. **Author:** *Empirical Formulas*, John Wiley & Sons, New York, 1917; *Graphical Mathematics*, Wiley & Sons, 1927; "Graphical Solution of the Differential Equation of the First Order," *American Mathematical Monthly*, Vol. 20, 1913; "Graphical Solution of Problems connected with non-prismatic reservoirs under varying conditions of inflow and outflow," *Engineering Record*, Vol. 69, 1914; "A Graphical Solution of Problems involving Differential Equations of the First Order," *Michigan Tech.*, Vol. 27, 1914; "A New Method of

Deriving Weir Formulas," *Engineering News*, Vol. 76, 1916; "Graphical Solutions of the Quadratic, Cubic, and Biquadratic Equations," *American Mathematical Monthly*, Vol. 28, 1921; "Graphical Differentiation and Integration," *Michigan Tech.*, Vol. 32, 1919, also pub. in *Lefax* (Philadelphia), 1920. **Member:** American Mathematical Society; Mathematical Association of America; Society for the Promotion of Engineering Education; American Association of University Professors; Michigan Academy of Science, Arts, and Letters; Fellow, American Association for the Advancement of Science. **Biography in** *American Men of Science*, 1906, 1910, 1921, 1927; *School Calendar*, 1924; *Who's Who in Engineering*, New York, 1925; *Who's Who in America*, 1928-29. **Born** at Colfax, Wis., Dec. 14, 1866; father came from Mo, Telemarken, in 1843, located at Coon Prairie, Wis., in 1850, and in 1862 settled at Colfax, Wis., where a valley and two churches still bear his name; mother, Birgit (Sletveit) R., also from Telemarken; uncle of Dr. Alfred L. Nelson (q. v.), and Dr. Cyril A. Nelson (q. v.).

**RUSNESS, L. WALLACE**, Graduate, State Teachers College, Moorhead, Minn.; LL.B., Northwestern University. **Instructor in Physical Education, University of North Dakota, Grand Forks, N. Dak., 1924-26.** Teacher of Physiology and Physical Education, State Teachers College, Moorhead, Minn., 1916-17; 1st Lieutenant, Field Artillery School of Instruction, Saumur, France, Sept. 1, 1917-Jan. 1, 1918; 1st Lieutenant, 102nd Field Artillery, on firing line, Feb. 1-July 15, 1918; Captain, Field Artillery, on firing line part of the time, July 15, 1918-Feb. 10, 1919; Instructor in Physiology and Physical Education, State Teachers College, Moorhead, Minn., 1920-22; Teacher of Physical Education, Fargo (N. Dak.) High School, 1922-24; In charge of School for Athletic Coaches and Managers, University of North Dakota, Summer 1926; Part-time

Assistant Football Coach, Northwestern University, 1926-28. **Born** at Moorhead, Minn.; father came from Vaage, Gudbrandsdalen; mother, from Stavanger.

**RUUD, HELGA MARIANE**, M.D., Woman's Medical School, Northwestern University, 1889; Graduate work, New York Post-Graduate Medical School and Hospital, 1896. **Clinical Associate Professor of Obstetrics**, Woman's Medical School, Northwestern University, Chicago, Ill., 1899-1902. **Clinical Instructor in Obstetrics**, same, 1897-99; **Chief Physician to Woman's Division**, Cook County Hospital for the Insane, 1890-96; **Chief Obstetrician**, Norwegian Tabitha Hospital (now the Norwegian-American Hospital), Chicago, 1900-06; at present **Member of Staff**, Norwegian-American Hospital; has taught nurses' classes, same, since 1900; extensive medical practice, Chicago. **Author**: Reports of Cases, published in *Woman's Medical Journal* from time to time; paper on "Hemorrhage of Placenta Praevia" read before Chicago Council of Medical Women, and published in *Woman's Medical Journal*, April 1925. Lectures on medical and semi-medical subjects delivered before women's and nurses' organizations and fraternal societies. **Member** (past or present): American Medical Association; Illinois State Medical Society; Chicago Medical Society; Chicago Council of Medical Women; Medical Woman's Club; Scandinavian Medical Society, Chicago; Women's Medical Dispensary; President, Medical Woman's Club, 1920-21; formerly President, Women's Clinical Dispensary; President, Federation of Norwegian Women's Societies, Chicago, 1916-18; President, Norwegian Woman's Club, 1922-24. **Travel and Study in Europe**, 1928. **Biography** in Strand's *History of the Norwegians of Illinois*, Chicago, 1905. **Born** at Kongsberg, Dec. 23, 1860; came to the United States, 1880.

**RUUD, MARTIN BRONN**, A.B., University of North Dakota, 1906; A.M., *ibid.*, 1907; Student, University of Oslo, 1912; Ph.D., University of Chicago, 1915. **Professor of English**, University of Minnesota, Minneapolis, Minn., 1927 to date. **Instructor in English**, University of North Dakota, 1907-10; **American-Scandinavian Foundation Fellow**, University of Oslo, 1912; **Instructor in Rhetoric**, University of Minnesota, 1915-19; **Assistant Professor of Rhetoric**, same, 1919-25; **Associate Professor of English**, same, 1925-27. **Author**: *An Essay toward a History of Shakespeare in Norway* (thesis for Ph.D.), reprint from *Scandinavian Studies and Notes*, Urbana, Ill., 1917 (being a history of Shakespearean translations, Shakespearean criticism, and the performance of Shakespeare's plays in Norway); *An Essay toward a History of Shakespeare in Denmark*, University of Minnesota, 1920; *Thomas Chaucer*, University of Minnesota, 1926; also numerous contributions to journals. **Translator**, Holberg's *Jeppe on the Hill: or The Transformed Peasant: A Comedy in Five Acts* (with Dr. W. C. Westergaard), Mimer Club, University of North Dakota, 1906. **Editor**: Shakespeare's *Henry the Fifth* (with Elmer E. Stoll), Henry Holt & Co., New York, 1922; *Studies in English Philology*; a *Miscellany in honor of Frederick Klaeber* (with Kemp Malone), University of Minnesota Press, 1929. **Member**, Modern Language Association of America; Fellow, Royal Historical Society, London. **Born** at Fergus Falls, Minn.; father came from Örje, Smaalenene; mother, from Sandefjord; taken to Norway as a boy; Student in Sandefjord Middel Skole, 1895-96; returned to the United States in 1896; brother, Dr. Magnus B. Ruud, is a well-known ophthalmologist of Grand Forks, N. Dak., and President of the Board of Directors of the University of North Dakota Alumni Association.



**RYDJORD, JOHN, A.B.**, University of Wisconsin, 1922; A.M., Northwestern University, 1923; Ph.D., University of California, 1925. **Professor of History, University of Wichita, Wichita, Kans., 1926 to date.** Assistant in History, University of Wisconsin, 1921-22; Mason Fellow in History, Northwestern University, 1922-23; Teaching Fellow in History, University of California, 1923-24; Head Teaching Fellow in History, same, 1924-25; Native Sons of the Golden West Traveling Fellow, engaged in research in archives of Madrid, Seville, Simancas, Paris, and London, 1925-26; Instructor, University of California, Summer 1926; Visiting Professor, George Washington University, Summer Session 1929. **Author:** "The French Revolution and Mexico," *Hispanic American Historical Review*, Feb. 1929. **Member,** American Historical Association. **Born** at Webster, S. Dak.; parents came from Veö, Romsdalen.

**RYGG, ALVIN EGBERT, B.S.**, University of Minnesota, 1925. Assistant Professor of Architecture, North Dakota Agricultural College, Fargo, N. Dak., 1927 to date. Instructor in Architecture, same, 1925-27.

**RYGH, GEORGE TAYLOR, A.B.**, Luther College, 1881; C.T., Luther Theological Seminary (now Capital University), Columbus, Ohio, 1884; Litt.D., Newberry College, 1917. Assistant Professor of Scandinavian Languages and Instructor in English, University of North Dakota, Grand Forks, N. Dak., 1891-95. Pastor, Portland, Me., 1884-89; Teacher, Wittenberg (Wis.) Academy, 1889-90; Pastor, Grand Forks, N. Dak., 1890-91; Principal, Mt. Horeb (Wis.) Academy, 1895-98; Pastor, Chicago, Ill., 1899-1910; Teacher of History and Religion, St. Olaf College, 1910-11, 1912-13; National Lutheran Council Commissioner to the Baltic States, 1919-20; Pastor, Minneapolis, Minn., 1921-30; Resident of Chicago, 1930—. **Author:**

*The Shadow of a Wrong*, 1908; *Morgenrödens Vinger*, 1908; *The Pioneers*, 1909; *John Harding*, 1910; *Unseen Realities* (unpublished); *What Think Ye of Christ?* **Translator:** Gossner's *Treasury* (from German), 1906; Rosenius' *A Faithful Guide to Peace with God* (from Swedish), 1923; Conrad Svendsen's *Daily Meditations* (from Norwegian); also many hymns. **Editor:** *United Lutheran*, 1909-14; Associate Editor, *American Lutheran Survey* (Columbia, S. C.), 1914-21; Associate Editor, *Lutheran Church Herald*, 1925-27. Member of the English Hymn Book Committee, 1902-12; member of the committee for the revision of *The Hymnary*, 1930—. **Biography** in *Who's Who in America*, 1916-17 to 1920-21 eds.; *School Calendar*, 1924; *Who's Who Among Pastors*, 1928. **Born** in Chicago, Ill., March 21, 1860; paternal grandfather, Torger Rygh, lay preacher in Illinois and Wisconsin, and pioneer farmer at Wanamingo, Minn., came from Stavanger to Chicago in 1844; mother, née Holter; uncle of Prof. Harold Boraas (q.v.).

**SABY, ANNA GUNILLA, A.B.**, University of Wisconsin, 1908; A.M., University of Wisconsin, 1909; Graduate Student, *ibid.*, 1911-13. **Professor of Romance Languages, College of Emporia, Emporia, Kans., 1918-23.** Critic Teacher, State Normal School, River Falls, Wis., 1902-03; Teacher of German and Latin, 1903-07; Instructor in French and Latin, Spring and Summer 1908; Instructor in Spanish and Latin, Oregon State Agricultural College, 1909-11; Assistant in German, University of Wisconsin, 1912-13; Adjunct Professor of Romance Languages, Randolph-Macon Woman's College, 1913-16; Instructor in Spanish, University of Kansas, 1916-17; Professor of Romance Languages, Ripon College, 1917-18.

**SABY, RASMUS S., B.A.**, University of Minnesota, 1907; M.A., University of Minnesota, 1908; Ph.D., University of Pennsylvania, 1910. **Professor and Head of the Department of Political Science**

and Economics, Gettysburg College, Gettysburg, Pa., 1924 to date. Fellow, Cornell University, 1908-09; Fellow, University of Pennsylvania, 1909-10; Instructor in Economics, Cornell University, 1910-12; Assistant Professor of Political Science, Cornell University, 1912-24. **Author:** *Early Railroad Legislation in Minnesota*, thesis for Ph.D. St. Paul, 1912, reprinted from Minnesota Historical Society Collections, Vol. 15. **Member:** American Political Science Association; American Economic Association; American Academy of Political and Social Science; American Judicature Society; National Municipal League; American Association of University Professors; American-Scandinavian Foundation; Phi Beta Kappa; Pi Gamma Mu. **Biography in** *Who's Who in the East*, 1930. Born in Stavanger, March 16, 1881; brought by parents to Lee, Ill., 1882; father came from Säbö, mother from Hovde, both in Fogn, near Stavanger.

**SAGEN, HARRY E.**, B.S., University of Wisconsin, 1928; M.S., *ibid.*, 1929. **Instructor in Agricultural Bacteriology, University of Wisconsin, Madison, Wis., 1929—**. Power Plant Administration and Efficiency, Dupont de Nemours & Company, Barksdale, Wis., 1915-18; Teacher of Agriculture, Plymouth (Iowa) High School, 1921-23; Teacher of Agriculture, Frederic (Wis.) High School, 1924-27; Assistant in Agricultural Bacteriology, University of Wisconsin, 1928-29. **Author:** "Studies on the bacteriological differentiation of the crown gall and hairyroot types of bacteria" (abstract, with W. H. Wright, A. J. Riker, and W. M. Banfield), *Phytopathology*, Vol. 19, pp. 97-98, 1929; "Studies on the differentiation of the crown gall type of bacteria from the non-pathogenic bacteria of the radiobacter group" (abstract, with W. H. Wright and A. J. Riker), *Phytopathology*, Vol. 19, 1929; "Studies on Infectious Hairyroot of Nursery Apple Trees" (with A. J. Riker, W. H. Wright, W. M. Banfield, and G. W. Keitt),

*Journal of Agricultural Research*, Summer 1930. **Member:** Alpha Zeta, national honorary agricultural fraternity; Phi Kappa Phi, honorary scholastic fraternity; Gamma Alpha, graduate scientific fraternity; Phi Sigma, national biological society (local treasurer); Sigma Xi, national research society. Awarded Freshman Legislative Scholarship, University of Wisconsin; Sophomore and Senior Honors, University of Wisconsin. **Born** at Washburn, Wis., July 31, 1896; parents came from Singsaas, near Trondheim.

**SAND, GURI**, B.A., University of North Dakota, 1919; Graduate Work, University of California, 1927; M.A., University of North Dakota, 1929. **Professor of Rural Education, State Teachers College, Mayville, N. Dak., 1926 to date.** Formerly Teacher in Rural Schools; Principal of High School; Deputy County Superintendent of Schools, Grand Forks County, N. Dak., 7 years; Critic Teacher, State Teachers College, Minot, N. Dak. Member of the English Committee for the revision of the course of study for the rural schools, North Dakota State Department of Education. **Member:** Phi Beta Kappa; 3rd Vice-President, North Dakota State Teachers Association; Chairman, Rural Schools Section, Northwest Division, North Dakota State Teachers Association. **Born** in Ulvik, Hardanger; brought to Grand Forks County, N. Dak., in childhood.

**SAND, HEDVIG**, B.S., North Dakota Agricultural College, 1924; M.A., University of Chicago, 1928. **Instructor in Modern Languages, North Dakota Agricultural College, Fargo, N. Dak., during last few years.**

**SANDBERG, INGA** (Mrs. Sandberg), Mus.B. Instructor in Music, University of Wisconsin, Madison, Wis., 1904-15.



**SANDBERG, KARL FERDINAND MARIUS**, Graduate, Nissen's Latin School, Oslo; M.A., University of Oslo, 1873; Ph.B., *ibid.*, 1874; M.D., *ibid.*, 1881. Professor of Gynecology, Jenner Medical College, Chicago, Ill., 1890-91. Physician and Surgeon, Chicago, 1882 to date; Clinical instructor in Gynecology and Obstetrics, and Attending Gynecologist and Obstetrician, Cook County Hospital, 1887-96; Attending Gynecologist and Surgeon, Frances E. Willard National Temperance Hospital, 1887-96; Chairman, Board of Directors, Norwegian-American Hospital; Chief Surgeon, same, 1905-10; Member (15th Ward), Chicago Obstetrical Staff. **Author:** *The Money Trust*, 1912; *The New Rebellion*, 1913; *The Currency Problem*, 1914; numerous papers and articles on matters pertaining to medicine and finance, published in various journals; also numerous papers read at medical meetings. Lectures on The Financial System of Russia delivered at the University of Chicago; other lectures and addresses on medical and financial subjects delivered at various times and places. Extensive and repeated travels in Europe. **Member:** Chicago Medical Society; Chicago Gynecological Society; Chicago Pathological Society; Scandinavian Medical Society, Chicago; Physicians Fellowship Club, Chicago; Illinois Medical Society; American Medical Association. **Biography** in Strand's *History of the Norwegians of Illinois*, Chicago, 1905; **Born** at Vestre Aker, near Oslo, Sept. 15, 1855; came to the United States in 1882; father, Dr. O. R. A. Sandberg (1811-83), was Supt. of Gaustad Hospital for the Insane, near Oslo, 1854-82, Lecturer on Psychiatry to the medical students of the University of Oslo, and during his time was the leading authority on mental diseases in Norway (see *Aschehougs Konversationsleksikon*, Oslo, 1925); brother, Dr. J. K. A. Sandberg, served as physician in the Russo-Turkish war, 1877-78, was Supt. of the Rosenberg Hospital for the Insane, Bergen, 1881-94, and

Supt. and Chief Surgeon, Municipal Hospital, Bergen, 1894-1922 (see *Aschehougs Konversationsleksikon*).

**SANDVIK, OTTO**, B.S., University of North Dakota, 1920. Instructor in Physics, Northwestern University, Evanston, Ill., 1921-24. Member, Sigma Xi, University of North Dakota.

**SARDESON, FREDERICK WILLIAM**, B.L., University of Minnesota, 1891; M.S., *ibid.*, 1892; Ph.D., University of Freiburg, 1895. Assistant Professor of Paleontology, University of Minnesota, Minneapolis, Minn., 1905-14. Field Geologist, U. S. Geological Survey, 1889 and 1891; Scholar in Paleontology, University of Minnesota, 1892-94; Instructor in Paleontology, same, 1898-1905; Geologist, U. S. Geological Survey, 1911-24; Expert Geologist, Minnesota State Securities Commission, 1917 to date. **Author** of 70 papers on paleontology, geology, philosophy, and education pub. in scientific journals. **Member:** American Paleontological Society; Phi Beta Kappa; Sigma Xi; former member, Minnesota Academy of Natural Science; Fellow, Geological Society of America; Fellow, American Association for the Advancement of Science. Member of International Geological Congress, Zurich, 1894. **Biography** in *Dictionary of the University of Minnesota*, 1908; *American Men of Science*, 1906, 1910, 1921, 1927; *Who's Who in America*, since first ed. of 1899-1900. **Born** at Owego Mills, Town of Wiota, Wis., Feb. 22, 1866; father, the late Joseph Sardeson, merchant of Minneapolis, was born in England; mother, Petra (Rossing) S., came from Landsaas, Nordre Land, in 1857 (died Feb. 9, 1929); uncle, the late T. A. Rossing, served as Captain in the Civil War, participating in the battles of Perryville, Stone River, Chickamauga, Missionary Ridge, and Atlanta; cousins: Clara E. (Gullixson) Olson, wife of Dr. Oscar L. Olson, President of Luther College since 1923 (see *Who's Who in America*); Rev. G. A. Gul-

lixson, pastor in Chicago since 1902; Dr. T. F. Gullixson, Vice-President of the Norwegian Lutheran Church of America since 1925, and President of Luther Theological Seminary, St. Paul, since 1930; brother, Amos C. Sardeson, is a practising attorney of Minneapolis.

**SATEREN, MARTIN GERHARD**, B.A., Augsburg College, Minneapolis, Minn., 1915. Instructor in Mathematics and Physics, and Director of Radio Station WWAQ, Michigan College of Mines and Technology, Houghton, Mich., 1923-27. Head of the Department of Physics, State Teachers College, Mayville, N. Dak., 1921-23. Born in Day County, S. Dak.; father, Martin L. Sateren, came from Land, Gudbrandsdalen; mother, from Inderöen, near Trondheim; uncle, Rev. L. E. Kjelaas, was Pastor at Webster, S. Dak., and La Moure, N. Dak., 1885-1917; brother, Rev. Lawrence B. Sateren, was President of Bethania College, Everett, Wash., 1912-17, and has since served as Pastor in Washington, Saskatchewan, Michigan, and Wisconsin.

**SATERLIE, MARY S.**, B.S., in H.E., Iowa State College, 1911. Professor of Home Economics, Buena Vista College, Storm Lake, Iowa, 1918-19. Teacher, High School, Harlan, Iowa, 1912-13; Teacher, High School, Staples, Minn., 1913-15; Teacher, Sheldon (Iowa) High School, 1915-17.

**SATER-POULSEN, GERTRUDE PAULA** (Mrs. P. L. Poulsen), A.B., University of Washington (Seattle), 1920; Diploma, University of Paris, 1926; A.M., University of Washington, 1927. Professor of Modern Languages, Pacific University, Forest Grove, Ore., 1925 to date. Author: "Genesis and Sources of Garnier's *La Troade*" (proving that the French authors of this period were more prone to find their sources in the Italian than in the Latin and Greek, as is commonly supposed). Member, Modern Language Association

of America. Born in Seattle, Wash.; father, Andrew E. Sater, pioneer in Seattle, and one of the first small group of explorers to penetrate the Province of Yukon in 1887, was born at Fiksdal, Romsdalen; mother came from Söraas, Vestnes, Romsdalen; great-grandfather, Hon. Henrik Remmen, was a member of the Norwegian Storting, representing Romsdal Amt, 1824-27.

**SATHER, ARNOLD A.**, B.S., in Agr. Edn., Iowa State College, 1918; M.S. in Vocational Edn., *ibid.*, 1929. Assistant Professor of Vocational Education, Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa, 1928—. Supervisor of Agricultural Education, State Department of Education, Jefferson City, Mo., 1920-24; Instructor in Vocational Education, Iowa State College of Agriculture and Mechanic Arts, 1925-28. Author: *Teaching Plant Production*, bulletin published by Missouri State Department of Education, 1924; *Teaching Animal Husbandry*, bulletin, Missouri State Dept. of Education, 1924; "What Shall We Do about Cooperative Marketing?", *Agricultural Education*, May 1929; "What Should be the Nature of a Course in Cooperative Marketing Given to High School Students in Vocational Agriculture?", thesis for M.S., Iowa State College, 1929; "Trees Suitable for Semi-arid Regions," paper read before the Horticultural Society of the Great Western Plateau States, Mandan, N. Dak., 1919; "Agricultural Education Program in the State of Missouri," paper presented to the Agricultural Education Section, Vocational Education Association of the Middle West, Chicago, 1923. Member: Delta Sigma Rho (forensic frat.); Sigma Delta Gamma (agr. frat.); Sigma Alpha (agr. edn. frat.). Born at Eau Claire, Wis., Jan. 18, 1885; father came from the vicinity of Oslo; mother born in Drammen; lived with mother in Norway from age of one to age of six years.



**SAUGSTAD, JESSE E.**, Instructor in Music, University of Wisconsin, Madison, Wis., 1913-18. Assistant in Music, University of Wisconsin, 1910-13; also Band Leader, 1915-18.

**SCARSETH, GEORGE DEWEY**, B.S., University of Wisconsin, 1924. Assistant Professor of Soils, Alabama Polytechnic Institute, Auburn, Ala., 1928—. In U. S. Army, 1918; Assistant in Soils, Connecticut Agricultural Experiment Station, New Haven, 1925; Soil Chemist, United Fruit Company, Tela, Honduras, Central America, 1926-27. Member, Alpha Chi Sigma. *Biography in Rus*, 1930. Born at Galesville, Wis., Oct. 7, 1898; son of Idius B. and Sina (Semb) S.

**SCHAGER, CHARLOTTE CHRISTOPHERSON** (Mrs. E. L. Schager), Student, Minneapolis School of Fine Arts, 2 years; Handicraft Guild, Minneapolis; Additional Training, Chicago. Instructor in Arts and Crafts and Drawing, Sioux Falls College, Sioux Falls, S. Dak., 1909-13. Member, Minnehaha Chapter of the Delphian Society. Born at Albert Lea, Minn., 1882; father came from Hønefoss; sister, Mrs. Edna Lang, is a Teacher of Home Economics in the Public Schools of Sioux Falls, S. Dak.

**SCHYDTZ, JACOB**, A.B., University of Oslo, 1897; Ph.B., *ibid.*, 1900; Graduate, Royal Conservatory, Oslo; Pupil of Wm. Kloed, Oslo. Professor of Music and Languages, Harris Military College, Roanoke, Va., 1930—. Director of Music, Grand River College, Gallatin, Mo., 1906-09; Director of Music, Tuscaloosa (Ala.) Conservatory of Music, 1909-11; Head of the Department of Music and Instructor in Piano and Voice, State Normal and Industrial School, Ellendale, N. Dak., 1911-14; Director, Conservatory of Music, Redfield, S. Dak., 1915-16; Supervisor of Music, Senior and Junior High School, Rocky Ford, Colo., 1920-21; Private Teaching and Concert Work, Chicago, Ill., last

several years. Accompanist, Concert Manager, and Impresario for Concert Singers; Coaching of amateur dramatics and musical plays; Director of Community Choruses and Spring Music Festivals. Author of various papers read at conventions of State Educational Associations; frequent contributor to newspapers and journals. Music critic for various newspapers. Lecturer on musical and literary subjects. Member of Studentersangforeningen under O. A. Grøndahl, Oslo, 7 years; member of various other societies. *Biography in Studenterbogen*, 1921-25 aars jubilarterne, Oslo. Born at Jäderen, Norway, April 6, 1876; removed to Oslo, 1880; paternal grandfather, Rev. Schydtz, was garnisonsprest (Hofprest), Oslo; on mother's side, grandson of Bankchef Kooter, Bergen; nephew of Statsminister Wollert Konow, Bergen; brother-in-law of Sophus Aars, author, Oslo.

**SEIFERT, GRACE CHRISTINE ROSAAEN** (Mrs. H. W. Seifert), Instructor in English, Oregon State Agricultural College, Corvallis, Ore., 1913-18 or longer. Now resident of Seattle, Wash.

**SELLEVOLD, BEATRICE I.**, Student, Minneapolis School of Art, 1921-22; Graduate, State Teachers College, Winona, Minn., 1924; B.S., University of Minnesota, 1926. Instructor in Fine Arts, College of William and Mary, Williamsburg, Va., 1926-28.

**SELVIG, CONRAD GEORGE**, A.B., University of Minnesota, 1907; A.M., *ibid.*, 1908. Superintendent (with rank of Professor) of the University of Minnesota Northwest School of Agriculture and Experiment Station, Crookston, Minn., 1910-27. Private, Company F., 12th Minnesota Volunteers, Spanish-American War, 1898; Supt. of Schools, Harmony, Minn., 1901-06; Supt. of Schools, Glencoe, Minn., 1907-10; Member of Congress from Minnesota, 1927 to date. Author: *Federal Aid to*

*Education* (thesis for A.M.), 1908; numerous agricultural bulletins, agricultural reports, and tariff studies. **Work in Congress:** Member of Flood Control Committee which reported out and secured enactment of Mississippi Flood Control Act, 1927; Congressional Speeches on St. Lawrence-Great Lakes Deep Waterway, The Tariff in Relation to Agriculture, The Agricultural Problem and its Solution, The McNary-Haugen Surplus Control Bill, Butter Substitutes and Menace of Vegetable Oils, The Federal Farm Board, Argument in favor of the Repeal of the National Origins Clause, Abolish the Lame-Duck Session, and other speeches appearing in the *Congressional Record*. Frequent lecturer on public questions and agriculture. **Member** (past or present): American Academy of Political and Social Science; American Association for the Advancement of Science; American Association of Agricultural Colleges and Experiment Stations; American Association for the Advancement of Agricultural Education; National Education Association; Minnesota Educational Association; Treasurer, same, 1908-12; Theta Chi; Veterans of All Wars (organization in United States Congress). **Member**, Minnesota Land Colonization Commission, 1918-19; Vice-President, Northwestern Minnesota Agricultural Association, 1912-20; Director, Red River Valley Development Association, 1914 to date; Organizer of the Farm Crop Shows (Minn.), 1910; President, Red River Valley Winter Shows, and General Chairman, Northwestern Minnesota Farmers' Week, 1910-27; President, Red River Valley Dairymen's Association, 1912-21; President, Red River Valley Live Stock Association, 1918 to date; General Chairman, Northwestern Section, Minnesota Food and Conservation Commission, 1917-19; General Chairman, Northwestern Section, Minnesota Division, National War Work Council, 1917-19; President, Minnesota Export Corporation League, 1923; Head of the Inter-

state Export League, Minnesota Section, 1924-26. Came into national prominence as a student of agricultural tariff policy, and as leading advocate of federal legislation for the disposition of surplus agricultural products as a means of maintaining fair prices for the products of the farm. **Biography in** *Rus; Who's Who in America; Congressional Directory; International Blue Book*, London, Paris, and New York, 1928; *Who's Who in Government*, 1930; *Who's Who in the East*, 1930. **Born** at Rushford, Minn., Oct. 11, 1877; father, Gunder C. Selvig, came from Høgsfjord Parish, near Stavanger; mother, Marie (Hognestad) S., came from Høle, Stavanger Amt.

**SEVERINSON, CHARLES A.**, Standard Diploma, State Teachers College, Mayville, N. Dak., 1921; B.A., University of North Dakota, 1924; M.S., University of North Dakota, 1930. **Instructor and Supervisor, Department of History, North Dakota Agricultural College, Fargo, N. Dak., 1928—**. Teacher, Rural School, near Reynolds, N. Dak., 1918-19; Principal, Public Schools, Glenburn, N. Dak., 1921-23; Principal, Williston (N. Dak.) Junior High School, 1924-28. **Author:** "Teaching Responsibility Through Extra-Curricular Activities," paper presented to North Dakota Educational Association, Minot, N. Dak.; "Extra-Curricular Activities in Junior High Schools in North Dakota," thesis for M.S., University of North Dakota. **Member:** National Education Association; North Dakota Educational Association; American Association of University Professors; Charter member, Phi Delta Kappa, University of North Dakota; Secretary-Treasurer, local chapter, Pi Gamma Mu. Chairman of program committee which sponsored the project *A Social and Economic History of Fargo*, 1929. **Born** at Reynolds, N. Dak., May 6, 1898; father came from Solør; mother from Dahlen, Telemarken.



**SEVERSON, ALBERT**, B.S.A., North Dakota Agricultural College, 1918; M.S., *ibid.*, 1923. Assistant Professor of Animal Husbandry, North Dakota Agricultural College, Fargo, N. Dak., 1924 to date. Instructor in Animal Husbandry, same, 1922-24. Member, Alpha Kappa Phi. Biography in *Rus*, 1930. Born in Lyon County, Iowa, Jan. 14, 1896; father came from Hardanger, mother from Nordland; cousin of Prof. Harry L. Severson (q.v.).

**SEVERSON, BURNS OSCAR**, B.S., University of Wisconsin, 1910; M.S., Pennsylvania State College, 1915; Graduate Student, University of Illinois, 1917-18. Associate Professor of Animal Husbandry, Pennsylvania State College, State College, Pa., 1915-18. Instructor in Animal Husbandry, Pennsylvania State College, 1910-12; Assistant Professor of Animal Husbandry, same, 1912-15; Associate Professor of Animal Husbandry, Kansas State Agricultural College, Sept. 1—Dec. 4, 1918. Author: *Developing Draft Colts* (with W. A. Cochel), Pennsylvania Agricultural Experiment Station Bulletin 122, 1913; "Steer Feeding Experiments at the Pennsylvania State College" (with W. H. Tomhave), in Pa. Agr. Exp. Sta. Bull. 124, pp. 22-39, Sun Printing and Binding Co., Williamsport, 1913; *Sheep Raising in Pennsylvania*, 62 pp., Pennsylvania State College School of Agriculture and Experiment Station Extension Circular No. 49, State College, Pa., 1916. Member: Sigma Xi; Alpha Tau Omega; Treasurer, Pennsylvania Sheep Breeders' and Growers' Association. Biography in *Rus*, 1918, 1920. Born in Stoughton, Wis., 1887; died Dec. 4, 1918; paternal grandfather, Helge Severson Grimmerud, with wife, Birgit (Olson) G., came from Tinn, Telemarken, to Muskego, Wis., 1842, settled in Pleasant Spring Township, Dane County, Wis., 1844, and was the first person in that township to receive a deed from the government; maternal grandfather, Stener Halvorson (Jansaas), was born at

Boe, Telemarken; maternal grandmother, Dorcas Evans (daughter of Evan and Aslaug Quale), was born at Laurdahl, Telemarken, and came to Wisconsin in 1844; brother, Stephen B. Severson, is General Manager of the Republic Light, Heat and Power Company, Buffalo, N. Y., and Vice-President and General Manager of the Dominion Natural Gas Company, Buffalo; second cousin of Anna Jacobsen (q.v.), and Karl T. Jacobsen (q.v.).

**SEVERSON, CHARLES FRANKLIN**, Lieutenant-Colonel, U. S. Army. Professor of Military Science and Tactics, Northwestern University, Evanston, Ill., 1918-19. Now with the 14th Infantry, U. S. Army, Fort Davis, Canal Zone.

**SEVERSON, HARRY LORUN**, B.S. in Bus., University of Minnesota, 1924; Graduate Work, Universities of Minnesota and Chicago. Associate Professor of Finance and Marketing, Mississippi Agricultural and Mechanical College, A. and M. College, Miss., 1925 to date. Formerly Research Assistant in Commerce and Administration, University of Chicago; Assistant Professor of Commerce, Mississippi Agricultural and Mechanical College, 1924-25. Author, "Some Problems of Social Control of Banking," paper read before the Southeastern Economic Conference, Atlanta, Ga., Nov. 1928. Contributor to *Social Science*. Member, Pi Gamma Mu. Born in Lyon County, Iowa, Feb. 27, 1901; mother and paternal grandparents came from Hardanger; cousin of Prof. Albert Severson (q.v.).

**SEVERSON, LEWIS EVERETT**, B.A., University of Kansas; M.A., Stanford University. Associate Professor of Economics, Beloit College, Beloit, Wis., 1927 to date. Instructor in Economics, Pomona College, 1923-26.

**SHEFLOE, JOSEPH SAMUEL**, A.B., Luther College, 1885; A.M., Johns Hopkins University,

1889; Ph.D. in Romance Languages, Johns Hopkins University, 1890. **Professor of Romance Languages and Literatures, Goucher College, Baltimore, Md., 1893-1919.** University Scholar, Johns Hopkins University, 1888-89; Fellow, same, 1889-90; Fellow by Courtesy, same, 1890-91; Associate Professor of French Language and Literature, Goucher College, 1890-93; also Instructor in French, Johns Hopkins University, 1910-20; General Representative, Macmillan Publishing Company. **Author** of several papers presented to Modern Language Association. **Member:** Modern Language Association; American Association of University Professors. Biography in Johns Hopkins University *Half-Century Directory*, 1926. **Born** at Waukon, Allamakee County, Iowa, April 11, 1863; parents came from Stod, near Trondheim.

**SHEFVELAND, OLIVER ELMEN, A.B.,** St. Olaf College, 1916; M.B.A., Northwestern University, 1927. **Professor of Economics and Business Administration, Olivet College, Olivet, Mich., 1926 to date.** Supt. of Schools in Minnesota, 1916-23; Member of Faculty of Vanderbilt University, 1924-25; Acting Assistant Professor of Economics, De Pauw University, 1925-26. **Born** at Dows, Iowa; father came from the vicinity of Stavanger; mother born at Thor, Iowa, her parents having come from Hardanger and Stavanger.

**SIMLEY, ANNE, B.A.,** Carleton College. **Head of the Department of English, University of Minnesota Northwest School of Agriculture, Crookston, Minn., 1925 to date.** An outstanding reader and impersonator. Member of Minnesota Lyceum Division. **Born** in Wisconsin; father came from Valdres; mother, from Sogn; cousin, Irving Simley, is Superintendent of Schools, South St. Paul, Minn.; cousin of the late Hon. O. J. Kvale; Member of Congress from Minnesota; sister of Prof. O. A. Simley (q.v.).

**SIMLEY, OLE ANDREW, B.A.,** Carleton College, 1919; M.A., *ibid.*, 1920; Ph.D., University of Wisconsin, 1929. **Assistant Professor of Psychology, University of Arizona, Tucson, Ariz., 1927 to date.** Assistant Instructor, University of Wisconsin, 1921-24, 1926-27; Instructor, Iowa State Teachers College, Summers 1924, 1925; Assistant Professor of Psychology, Oberlin College, 1924-26. **Author:** "Relation of Sub-liminal to Supraliminal Learning Curve," paper presented to Mid-Western Psychological Association, Chicago, 1927. **Born** in the Township of Vermont, Dane County, Wis.; brother of Anne Simley (q.v.).

**SIMMONS, LETTA, B.S.,** Carthage College, 1900; Graduate Work, University of Chicago, 1903-04; A.M., Carthage College, 1922; Litt.D., Susquehanna University, 1923. **Professor of Education and Dean of Women, Carthage College, Carthage, Ill., 1915-28.** Teacher of Latin and History, High School, Nevada, Iowa, 1901-03; Teacher of History, West High School, Des Moines, Iowa, 1905-06; Principal of High School, Nevada, Iowa, 1908-13; Instructor in Education and Dean of Women, Carthage College, 1913-15. **Born** in the United States; died at Carthage, Ill., 1928; grandparents came from Vossevangen and Bergen; distant relative of Jonas Lie, the novelist; relative of Jonas Lie, distinguished painter of New York, winner of the Silver Medal, St. Louis Exposition, 1904, Hallgarten Prize of the National Academy of Design, 1914, Silver Medal, Panama-Pacific Exposition, 1915, Greenough Memorial Prize of the Newport Art Association, 1916, and Gold Medal of Honor, Philadelphia's Art Week, April 1926 (see *Who's Who in America* and *New International Encyclopedia*).

**SIMONSEN, NELS EDWARD, B.A.,** Northwestern University, 1880; M.A., *ibid.*, 1887; B.D., Garrett Biblical Institute, 1882; D.D., *ibid.*, 1895; Study in Europe, chiefly



in Oslo and Copenhagen, 4 years; additional Study and Travel in Norway, 3 Summers. **Professor of Norwegian Language and Literature, College of Liberal Arts, Northwestern University, Evanston, Ill., 1891-94.** President, Norwegian-Danish Theological Seminary, Evanston, Ill., 1885-1920; also Professor of History and Norwegian Language and Literature, same, 1885-1920. Member of Economic Conference of Methodism, Washington, D. C., 1891; Delegate to the General Conference of the Methodist Episcopal Church, Cleveland, Ohio, 1896, Chicago, Ill., 1900, and Los Angeles, Calif., 1904. **Member, Phi Beta Kappa. Biography in Strand's *History of the Norwegians of Illinois*, Chicago, 1905.** **Born** near Alderly, Washington County, Wis., 1854; parents came from Fossum, near Skien, in 1842; uncle of Prof. Ida S. Simonson (q.v.).

**SIMONSON, I D A S., B.L.,** Northwestern University, 1894; Graduate Work, University of Chicago and Columbia University. **Head of the Department of English, Northern Illinois State Teachers College, De Kalb, Ill., 1921 to date.** Teacher of English, Buchanan College, Troy, Mo., 1894-97; Instructor in English, Iowa State College of Agriculture and Mechanic Arts, 1899-1901; Head of the Department of English, Northern Illinois State Normal School, De Kalb, Ill., 1901-21. **Author:** *The Study of the Old Ballads in the Elementary School*, Bulletin of the Northern Illinois State Normal School, Nov. 1912; *Through the Year—Days and Seasons—Stories and Poetry*, Bulletin of the Northern Illinois State Teachers College, Feb. 1924; "An Old Time Corner in a Children's Library," *The Library Journal*, April 1, 1924; "The Child's Outlook upon Life through Literature," *The Library Journal*, Part One, Jan. 1, 1928. **Born** in Chicago, Ill., 1872; father came from Fossum, near Skien; mother, from Toten; niece of Dr. N. E. Simonson (q.v.).

**SINDING, CHRISTIAN,** Pupil of Lindemann, Trondheim, 1874-77; Reinecke, Schradieck, Judassohn, and Kretzschmar, Leipzig. **Professor of Composition, Eastman School of Music, University of Rochester, Rochester, N. Y., 1921-22.** Distinguished composer. His works include more than 200 songs, choral works, cantatas, etc., published for the most part by Peters, Leipzig. Honorary Member, Academy of Art, Berlin. Resident of Berlin a large part of his life; lately resident of Oslo. Yearly stipend granted him by the Norwegian Government in 1890; in 1915, this stipend was changed to a pension for life of 4,000 crowns a year "for distinguished service." On his 60th birthday the government presented him with a purse of 30,000 crowns as a mark of appreciation to the greatest national composer since Grieg." Baker's *Biographical Dictionary of Musicians*, New York, 1900. **Biography** also in *Hand-Book of Music*, Brooklyn, 1902, 1911; Baltzell's *Dictionary of Musicians*, Boston, 1914; *Who's Who in Music*, London, 1915; *International Who's Who in Music*, New York, 1918; Baker's *Biographical Dictionary of Musicians*, 1919; Riemann's *Musik-Lexikon*, Berlin, 1922; *The New Encyclopedia of Music and Musicians*, New York, 1924; *A Modern Dictionary of Music and Musicians*, London and New York, 1924 (which devotes almost an entire page to him); *A Cyclopedic Dictionary of Music*, London and Philadelphia, 1925; De Bekker's *Music and Musicians*, New York, 1925; *Das Neue Musik Lexikon*, Berlin, 1926; Reeves' *Biographical Dictionary of Musicians*, London, 1926; *Illustriertes Musik-Lexikon*, Stuttgart, 1927; *Noted Names in Music*, Boston, 1927; *New International Encyclopedia*, New York; and numerous other biographical works in many languages; listed as one of the world's great composers, in *Funk & Wagnalls New Standard Dictionary of the English Language*. **Born** at Kongsberg, Jan. 11, 1856; brother of the late Otto Sinding and Stephan Sinding, noted painter

and sculptor, respectively (see *Salmonsens Konversations Leksikon*, Copenhagen).

**SIVERTSEN, I V A R**, M.D., C.M., Minneapolis College of Physicians and Surgeons, Hamline University, 1904. **Clinical Instructor in Gynecology, University of Minnesota, Minneapolis, Minn., 1910-20.** Physician and Surgeon, Minneapolis, Minn., 1904 to date. Clinical Instructor in Obstetrics and Gynecology, Minneapolis College of Physicians and Surgeons, Hamline University, 1906-09; Instructor, Norwegian Lutheran Deaconess Hospital, 1910-12; Instructor in Gynecology, Minneapolis General Hospital, 1910-13; Instructor, Fairview Hospital, 1916-26; Captain, Medical Corps, U. S. Army, Camp Grant, and U. S. General Hospital No. 32, Chicago, World War; Surgeon, Fairview Hospital; Surgeon, C. B. & Q. Railway; organized the Sivertsen Clinic, Minneapolis, 1920; Head of same, 1920 to date. **Author:** "The Relation of Muscular Activity to Carcinoma" (with Dr. A. W. Dahlstrom), *Journal of Cancer Research*, 1922. **Fellow:** American College of Surgeons; Minneapolis Surgical Society; Minneapolis Pathological Society; American Medical Association. **Born** in Christiansund N, Oct. 19, 1876; came to the United States in 1887.

**SKABO, ANNA MARIE K.** (Mrs.), Examen Artium, Frogner Symnasium, Oslo. **Instructor in Library Science and Cataloger of the Severance Library, Carleton College, Northfield, Minn., 1926—.** Teacher of English, German, Norwegian, and French, 1915-18; Assistant Cataloger, Buchmuseum, Leipzig, Germany, 1921-22; Cataloger, University of North Dakota Library, 1924-26. **Born** in Salt Lake City, Utah; paternal grandfather was the owner of the Skabo Jernbanevognfabrik, Oslo; father, the late Rev. Eivind D. Skabo, organizer of the first Norwegian Lutheran Church in the State of Utah, Salt Lake City, 1892, and Pastor in

Salt Lake City, and Hayward, Minn., 1892-1905, was born at Drammen; niece of Anna Skabo Stub (Mrs. H. G. Stub of St. Paul).

**SKAR, ROBERT OLAF**, B.Accts., Gale College, 1909; M.Accts., Minnesota College, 1910; B.A., St. Olaf College, 1916; M.A., *ibid.*, 1919; Additional Work at various institutions. **Professor of Commerce, Iowa State Teachers College, Cedar Falls, Iowa, 1926 to date.** Instructor in Commercial Work, Gale College, Galesville, Wis., 1909-15; Principal, Consolidated School, Thompson, N. Dak., 1916-17; Head of the Commercial Department, High School, Waukesha, Wis., 1918-19; Business Manager and Field Secretary, Gale College, Galesville, Wis., 1919-24; Assistant Professor of Commerce, Iowa State Teachers College, Cedar Falls, 1924-26. **Author** of various articles published in educational journals. Biography in *School Calendar*, 1924. **Born** in Gudbrandsdalen, Sept. 6, 1886.

**SKARTVEDT, P. M.**, A.B., St. Olaf College, 1906; A.M., University of Minnesota, 1913. **Professor and Head of the Department of Chemistry, Gustavus Adolphus College, St. Peter, Minn., 1918 to date.** Teacher of Science, High School, Blooming Prairie, Minn., 1906-07; Madelia (Minn.) High School, 1907-08; Supt. of Schools, Poulsbo, Wash., 1913-15; Acting Professor of Chemistry and Head of the Department of Chemistry, Gustavus Adolphus College, 1915-18. **Author:** *Essentials of First Year General Chemistry* (with P. M. Glasoe), Edwards Bros., Ann Arbor, Mich., 1927; "Determination of Phosphorus in Vanadium Steels and Ferrovandium Alloys," *Industrial and Engineering Chemistry*, 1914. **Born** at Canton, S. Dak., March 2, 1886; father, Gudmund Skartvedt, was born at Stavanger, served as member of the Canton (S. Dak.) City Council for many years, President of the Canton Board of Education, and member of the Board of Trustees of Augustana College;



mother, Lisa (Brandon) S., born in Hallingdal; 4 sisters, teachers.

**SKAVLEM, JOHN H.**, B.S., University of Wisconsin, 1916; M.D., University of Pennsylvania, 1919. **Instructor in Medicine, University of Cincinnati, Cincinnati, Ohio, 1922 to date.** Instructor in Anatomy, University of Wisconsin, 1919-20; Physician, Cincinnati, Ohio; on Attending Staff, Good Samaritan Hospital; Tuberculosis Consultant, U. S. Veterans Bureau Diagnostic Clinic, Cincinnati. **Author:** "A Comparative Study of the Pathology and X-Ray Densities of Tuberculous Lung Lesions," *American Review of Tuberculosis*, Vol. V. No. 4, June 1921; "Sinus Diseases and Lung Infections," *Journal of Radiology*, Feb. 1923; "X-Ray Diagnosis of Pulmonary Tuberculosis," *Medical Times*, Dec. 1923; "X-Ray Examination of the Chest," *ibid.*, Feb. 1924; "Control of Hyperthyroidism," *American Journal of Roentgenology and Radium Therapy*, Vol. XI, No. 3, March 1924; "Applied Pathology of Pulmonary Tuberculosis," *Radiology* (journal of the Radiological Society of North America), March 1925; "Chronic Tuberculous Lung Infections. A Review of 700 Chest Cases," U. S. Veterans Bureau Medical Bureau; "X-Ray Observations of the Pathogenesis of Pulmonary Tuberculosis," *Transactions of the Nineteenth Annual Meeting of the National Tuberculosis Association*; "The Scientific Life of Thomas Bertholin," *Annals of Medical History*, Vol. III, No. 1. **Member:** Sigma Xi; Phi Beta Kappa. **Born** at Fergus Falls, Minn., 1893; father's parents came from Bergen; mother's parents, from the vicinity of Bergen.

**SKYBERG, VICTOR O.**, B.A., St. Olaf College, 1911; M.A., Gallaudet College, 1912. **Professor of Latin and Natural Science, Gallaudet College, Washington, D. C., 1923-28.** Normal Fellow, Department of Articulation, Gallaudet College, 1911-12; Instructor in Latin and Natural Science, same, 1915-18; Assistant Professor of Latin and Natural Science, same, 1918-23;

also translator of Dano-Norwegian, U. S. Veterans Bureau, Washington, D. C.; Specialist in the Rehabilitation of the Deaf, same Bureau; Captain, Sanitary Corps, United States Reserves, serving in the office of the Surgeon-General of the Army as specialist in matters concerning the deaf, 1924-28; Superintendent of the State School for the Deaf, Faribault, Minn., 1928 to date. **Author** of various reports on the education and rehabilitation of the deaf; also papers read before organizations of the deaf. **Lecturer** in the same field. **Born** at Sioux City, Iowa, Oct. 20, 1890; father, the late Rev. Kristian O. Skyberg, Pastor in Iowa, Michigan, and Minnesota, 1883-1922, was born at Öier, Gudbrandsdalen; maternal grandfather, Rev. O. Waldeland, Pastor in Wisconsin and Iowa, 1866-95, was born at Haa, Jäderen; nephew of Rev. M. E. Waldeland of Northfield, Minn.

**SLAGSVOLD, PETER L.**, B.S., University of Minnesota, 1926; M.A., *ibid.*, 1927; Ph.D., *ibid.*, 1930. **Associate Professor of Economics, Montana State College, Bozeman, Mont., 1930—.** Assistant in Agricultural Economics, University of Minnesota, Spring Term, 1926; Instructor in Economics, University of Minnesota School of Business, 1926-30. **Author:** *The Development of Wholesaling in the Northwest* (thesis for Ph.D.); *Marketing, An Introductory Course* (with R. S. Vaile), Ronald Press, New York, 1929; *Market Organization* (with R. S. Vaile), Ronald Press, 1930. **Member:** Beta Gamma Sigma (honorary national commerce); Gamma Sigma Delta (agricultural society); Norwegian Literary Society, University of Minnesota (President, 1924-25); member of Bygdelagenes Fællesraad, Inc.; Director, same, 1926—; Secretary and Treasurer, Totenlaget (national), 1926-27; President of Totenlaget (Minneapolis), 1924-25 and 1928—. **Born** in Toten, 1895; nephew of Dr. T. Stabø, well-known physician of Decorah, Iowa.

**SLETTEN, CORA P., A.B.,** Carleton College, 1906; S.M., University of Chicago, 1923. **Professor of Geography, State Teachers College, Mankato, Minn., 1923 to date.** Formerly Teacher of Science in High Schools, 16 years. Assistant editor, *Journal of Geography*. **Born** in the United States; father came from Sjøa, Gudbrandsdalen; mother born at Randsfjord.

**SLETTEN, JOSEPH N., A.B.,** St. Olaf College, 1915; A.M., University of Chicago, 1916. **Professor of History and Social Science, Adrian College, Adrian, Mich., 1919-20.** Lecturer on Commerce and Trade, same, and Secretary of Adrian Chamber of Commerce, 1920-21; now resident of Chicago.

**SMEDSTAD, ASBJORN,** "Graduate, National School of Mechanics of Norway." Instructor in Mechanical Drawing, Montana Wesleyan College (now the Intermountain Union College), Helena, Mont., 1917-19.

**SNEVE, HALDOR, M.D.,** Medical College of Ohio, 1887; Graduate Student, Europe, 1890-92. **Clinical Professor of Nervous and Mental Diseases, University of Minnesota, Minneapolis, Minn., April 14, 1909—Jan. 15, 1913.** Assistant Surgeon, National Home for Disabled Volunteer Soldiers, Dayton, Ohio, 1887-88; Assistant Superintendent, Dayton State Hospital, 1888-90; Physician, specializing in nervous and mental diseases, Minneapolis, 1892-98; Chief Surgeon, Chicago and Great Western Railway, St. Paul, Minn., 1898-1910; also Lecturer, University of Minnesota Medical School, May 26, 1899—?. **Member:** American Medical Association; President, Minnesota Academy of Medicine, 1910-11; President, Minnesota State Medical Association, 1913. **Biography,** in *Who's Who in America*, 1916-17 to 1924-25 eds. **Born** at Albert Lea, Minn., Oct. 27, 1865; died June 14, 1924; father came from Opdal, Sør Trøndelagen; mother, née Hammer.

**SNYDER, MARIE ELIZABETH TOOHEY (Mrs. William E. Snyder),** Graduate, Violin Department, St. Olaf College, 1915; Pupil of Dr. F. Melius Christensen; Student, Leipzig Conservatory, 1921-23; Pupil of Walther Davisson, Klara Senius-Erler, Max Maas, and Fritz Reuter, Leipzig, Germany; B.A., Augustana College (S. Dak.), 1924; Pupil of Leopold Auer (member of his Artist Class, Chicago Musical College), Summer 1924; Pupil of Cecil Burleigh, University of Wisconsin, Summer 1925. **Instructor in Violin, Yankton College, Yankton, S. Dak., Jan. 1916-June 1917.** Member of the Troubadours (musical organization under direction of Mr. Giffen), giving concerts in South Dakota, Minnesota, and Iowa, Summer 1910; member of, and soloist with, Sioux Falls Symphony Orchestra; concert tour with Yankton College Quintette; Choir Director, Grace Lutheran Church (now First Lutheran Church), Sioux Falls, S. Dak., one year; Violin Soloist, First M. E. Church, Sioux Falls, two years; Director, Ladies History Club Chorus, Sioux Falls; with sister, Junie Toohey Holdridge (q.v.), furnished music at Many Glaciers, Glacier National Park, Summers 1915 and 1916; Director of Orchestra, State Normal School (now Eastern State Teachers College), Madison, S. Dak., 1915-16; Supervisor of Instrumental Public School Music and Director of High School Orchestra, Sioux Falls, S. Dak., 1917-21; Head of the Violin Department and Director of the Augustana College Symphony Orchestra, Augustana College, Sioux Falls, S. Dak., 1923-27; organized at this college the Symphony Orchestra, String Trio, String Quartette, and String Quintette; appeared in concerts throughout South Dakota, in Iowa, and over the radio. **Author** of many poems; paper on "Monotones" read before the Music Section of South Dakota State Teachers Association. **Composer:** "A Visit to Toyland," operetta for children, with orchestral overture and interlude (performed before the South Dakota



State Teachers Association, Nov. 1925, with 300 school children in the cast, and with Augustana College Symphony Orchestra under her direction); also numerous vocal, violin, and piano numbers. **Member:** Delta Chi Society (St. Olaf College); Altrusa Club; Ladies History Club; Business and Professional Women's Club; Sioux Falls Music Club. Chosen to christen the ship "Sioux Falls" in recognition of her war-time services. Upon invitation played at the Norse-American Centennial, Minneapolis, 1925. An excellent pianist and symphony orchestra director, and a continual inspiration to her pupils. Bequeathed a 10 year violin scholarship at Augustana College. **Born** in Sioux Falls, S. Dak., May 6, 1895; her death, occurring on Feb. 26, 1927, was announced over the Associated Press wires and in newspapers throughout South Dakota. "It is doubtful if the death of any woman in Sioux Falls could have caused more general sorrow than the passing away of Mrs. Marie Toohey Snyder. The graciousness and kindness of this talented musician had won her a lasting place in the hearts of hundreds of local people. Just as in the case of her father, the well-known Jack Toohey, her loss will be keenly and permanently felt." Editorial in the *Sioux Falls Daily Argus* of Feb. 28, 1927. Memorial concert given by the Augustana College Symphony Orchestra, April 27, 1927 (the day on which she had planned to have its Spring Concert). Father, Jack Toohey, was a well-known business man and public spirited citizen of Sioux Falls, S. Dak.; mother, Carrie (Aker) T., was born at Aakre, Hardanger; sister of Mrs. Junie Toohey Holdridge (q.v.).

**SOGN, VALBORG, M.D.,** Woman's Medical School, Northwestern University, 1895; M.D., University of Oslo. **Assistant Professor of Gynecology, Woman's Medical School, Northwestern University, Chicago, Ill., 1899-1902.** Clinical Assistant to the Chair of Gynecology, same, 1895-97; Instructor in Gynecology,

same, 1897-99; Physician, Chicago; returned to Norway, took her M.D. at the University of Oslo, and practised for some time in Oslo. Delegate from Chicago, Centennial Jubilee, University of Oslo, 1911. **Born** in Norway, 1858; died in Oslo, 1916.

**SOILAND, ALBERT, M.D.,** University of California, 1900; F.A.C.P.; DMR.E., Cambridge University. **Professor of Radiology, College of Physicians and Surgeons, University of Southern California, Los Angeles, Calif., 1915-20.** Instructor in Electrotherapeutics, College of Physicians and Surgeons, University of Southern California, 1903-05; Instructor in Electrotherapeutics and Radiology, same, 1905-09; Physician and Surgeon, Los Angeles, Calif., 1900 to date; Head of the Albert Soiland Clinic, Los Angeles, 1910 to date; Consulting Radiologist, Santa Fe Railway Hospitals, Clara Barton Hollywood Hospital, and California Hospital; Assistant Surgeon, Medical Reserve Corps, U. S. Navy, World War; now Lieut. Commander, Medical Corps, U. S. Naval Reserves. Opened the first independent office in general X-Ray to be established, Los Angeles, 1903. **Author:** *Cancer; a Professional Responsibility and a Public Liability*, in the Appleton Popular Health Series, D. Appleton & Co., New York and London, 1928; also numerous monographs. **Member:** American Radium Society; American Roentgen Society; Pacific Coast Roentgen Ray Society; American Medical Association; California State Medical Association; Los Angeles County Medical Association; Los Angeles Clinical and Pathological Society; Phi Rho Sigma; Theta Nu Epsilon fraternity; Honorary Member, Northern Society for Medical Radiology (Scandinavia); Fellow, American College of Physicians; Founder and Member, Radiological Society of North America; Founder, Fellow, and Executive Secretary, American College of Radiology. **Biography** in *Who's Who on the Pacific Coast*, Los Angeles, 1913; *Who's Who in Amer-*

*ican Medicine*, 1925; *Who's Who in California*, 1928-29; *Who's Who in America*. Born in Stavanger, May 5, 1873; came to the United States in 1883.

**SOLBERG, HALVOR CHRISTIAN**, B.S., South Dakota State College, 1891; B.M.E., Purdue University, 1895; M.E., Purdue University, 1896. Professor of Mechanical and Steam Engineering, South Dakota State College of Agriculture and Mechanic Arts, Brookings, S. Dak., 1892 to date. Member, Society for the Promotion of Engineering Education. Biography in *Who's Who in Engineering*, New York, 1925. Born at Brottum, Norway, 1861; came to the United States at the age of 17.

**SOLBERG, HARRY LELAND**, B.S., in M.E., South Dakota State College, 1920; B.S. in M.E., Purdue University, 1921; M.S. in M.E., Purdue University, 1923. Associate Professor of Mechanical Engineering, Purdue University, Lafayette, Ind., 1930—. Instructor in Mechanical Engineering, Purdue University, 1921-27; Assistant Professor, 1927-30. Born in the United States; son of Prof. H. C. Solberg (q.v.).

**SOLBERG, RUBY**, B.S., South Dakota State College; M. S., *ibid.* Instructor in Botany and Mathematics, South Dakota State College of Agriculture and Mechanic Arts, Brookings, S. Dak., 1925-26. Daughter of Prof. H. C. Solberg (q.v.).

**SOLEM, GEORGE OLIVER**, A.B., St. Olaf College, 1912; M.A., University of South Dakota, 1915; M.D., Rush Medical College, 1917. Assistant Clinical Professor of Medicine, Rush Medical College, University of Chicago, Chicago, Ill., 1928—. 1st Lieutenant, Medical Corps, U. S. Army, Base Hospital No. 13, 1918-19; Assistant to, later Associate of Dr. B. W. Sippy; Assistant in Medicine, Rush Medical College, 1922-24; Clinical Associate in Medicine, Rush Medical College, University of Chicago, 1924-

26; Clinical Instructor in Medicine, same, 1926-28; Physician, Chicago; Member of Consulting Staff, Washington Boulevard Hospital, Chicago; on Attending Medical Staff, Luther Memorial Hospital, and Norwegian Lutheran Deaconess Hospital, Chicago. Author: "Duodenal Obstruction due to cholecystoduodenocholic bond," *Medical Clinics of North America*, March, 1926; "Massive Collapse of the Lung," *ibid.*, 1927. Member: Chicago Medical Society; Scandinavian-American Medical Society, Chicago; Illinois State Medical Society; American Medical Association. Biography in *Who's Who in American Medicine*, 1925. Born at Elk Point, S. Dak., 1888; father came from Söndfjord, near Bergen; mother, from Skorsdalsholsten, near Trondheim.

**SOLEM, OSCAR MARTIN**, LL.B., University of Minnesota, 1915. Director of the Department of Physical Education, Drake University, Des Moines, Iowa, 1925 to date. Formerly member of the Law Firm of Solem & Solem, Minneapolis; Captain, training recruits, 1st Infantry Training Camp, Fort Snelling, Minn., World War; Football Coach, Luther College, Decorah, Iowa; Athletic Coach, Drake University, since 1921; Director of Athletics, same, 1925—. Member: Theta Chi; American Legion; American Red Cross; admitted to Minnesota Bar, 1915. Biography in *Who's Who in Des Moines*, 1929. Born in Minneapolis, Minn., Dec. 13, 1892; parents, Lars and Anna (Rothi) S., came from Nordfjord.

**SOLHAUG, SAMUEL B.**, B.A., B.S.; M.D., University of Minnesota, 1917; Ph.D., University of Minnesota, 1923. Assistant Professor of Obstetrics and Gynecology, University of Minnesota, Minneapolis, Minn., 1929—. Practicing Physician, Minneapolis; Member of Active Staff, and Secretary-Treasurer, Asbury Hospital, Minneapolis; Member of Board of Governors, St. Mary's Hospital; on Active Staff, Eitel Hospital, Minne-



apolis; Lieutenant, U. S. Navy, World War; now Lieutenant-Commander, U. S. Naval Reserves; Instructor in Obstetrics and Gynecology, University of Minnesota, 1923-29. **Author:** "Study in Anthropometric Measurements," *Naval Hygiene*, 1919; "Topographical Study of the Pelvic Organs of the Female Fetus," *American Journal of Obstetrics and Gynecology*, 1927. **Member:** Sigma Xi; Alpha Omega Alpha; Commander, Minnesota Commandery, Military Order of Foreign Wars. **Born** in the United States; father came from Norway; mother, from Sogn.

**SOLHEIM, WILHELM GERHARD**, A.B., Iowa State Teachers College, Cedar Falls, Iowa, 1924; A.M., University of Illinois, 1926; Ph.D., University of Illinois, 1928. **Assistant Professor of Botany, University of Wyoming, Laramie, Wyo., 1929—** Assistant in Botany, University of Illinois, 1924-27; Fellow in Botany, University of Illinois, 1927-28; Instructor in Botany, North Dakota Agricultural College, 1928-29. **Author:** *Morphological Studies of the Genus Cercospora Fresenius*, University of Illinois Biological Monographs, Vol. 11, No. 4, 1930; "A systematic presentation of new genera of fungi II" (with P. A. Young and O. A. Plunkett), *Transactions of American Microscopical Society*, Vol. 46, pp. 187-207, 1927; "A Study of the algae of a freshwater stream" (with W. T. Penfound), *Transactions of Illinois State Academy of Science*, Vol. 20, pp. 85-91, 1928; "Dune Park, Indiana: An Ecological Sketch," paper presented to North Dakota State Academy of Science, 1929. **Member:** American Microscopical Society; American Phytopathological Society; American Association for the Advancement of Science; Illinois State Academy of Science; North Dakota State Academy of Science; American Association of University Professors; honorary societies of Sigma Xi, Phi Eta, Phi Sigma, Kappa Delta Pi. **Born** at Stoughton, Wis., 1898; father, Prof. O. A. Solheim, Teach-

er in various private schools, 1881-1910, and member of the faculty of Lutheran Normal School, and Augustana College and Normal School, Sioux Falls, S. Dak., since 1910, was born at Förde, Söndfjord; mother, Guro (Ullensvang) S., born in Hardanger.

**SOLVE, MELVIN THEODOR**, A.B., University of Oregon, 1918; Ph.D., University of Michigan, 1926. **Associate Professor of English, University of Arizona, Tucson, Ariz., 1928—** With Company H, 361st Infantry, 91st Division, U. S. Army, participating in the Argonne (wounded) and Meuse-Scheldt offensives, World War; Instructor in Rhetoric, University of Oregon, 1919-24; (absent on leave) American-Scandinavian Foundation Fellow, University of Oslo, 1920-21; Instructor in English, University of Michigan, 1924-27; Assistant Professor of English, University of Michigan, 1927-28. **Author:** *Shelley: His Theory of Poetry*, University of Chicago Press, 1927; co-author, *Further Adventures in Essay Reading*, Harcourt, Brace & Company, New York, 1928; co-author, *College Composition*, Harper & Brothers, New York, 1929. **Member:** Modern Language Association of America; National Council of Teachers of English; Phi Beta Kappa. **Born** in Rosedale Township, Minn., April 15, 1890; father's parents came from Hafslo, Sogn; mother's parents from Stavanger; married, 1921, Norma Belle Dobie, Ph.D., University of Michigan, 1926.

**SONQUIST, DAVID E.**, B.S., North Dakota Agricultural College, 1914; A.M., University of Chicago, 1917. **Associate Professor of Applied Christian Education, Hillsdale College, Hillsdale, Mich., 1926 to date.** State Secretary, North Dakota Young Men's Christian Associations, 1918; in Heavy Artillery, U. S. Army, 1919; Secretary, International Committee of the Young Men's Christian Association at home and in the Orient, 1920-21; Executive Secretary, Mercer County (N. J.) Federation of Young

Men's Christian Associations, 1922-26. **Author:** "Sources of Moral Knowledge in Children," *Religious Education*, Oct. 1926. **Born** in the United States; father was born in Sweden, mother in Trondheim.

**SOPER, SOLVEIG MAGDALENE MAGELSSON** (Mrs. Soper), B.A., University of Minnesota, 1912; M.A., University of Minnesota, 1915. **Instructor** in English, University of Minnesota Central School of Agriculture, St. Paul, Minn., 1916-19, and 1920. Formerly Scholar in Rhetoric, University of Minnesota.

**SORENG, E. M.**, B.S. in E.E., South Dakota State College, 1908. **Professor of Electrical Engineering**, in charge of the Department, Marquette University, Milwaukee, Wis., 1911-12. **Instructor** in Engineering, Center College, Kanville, Ky., 1911. In Engineering work, chiefly research, with Allis Chalmers Manufacturing Co., Westinghouse Electric and Manufacturing Co., and Briggs & Stratton Corporation, 1909-11, 1912-17; **Officer**, U. S. Army Air Service, Massachusetts Institute of Technology, Langley Field, Va., and Wilbur Wright Field, Dayton, Ohio, 1917; **Engineer and Sales Manager**, Briggs & Stratton Corporation, Milwaukee, Wis., 1918-22; **Chief Engineer**, Republic Flow Meters Co., Chicago, 1922-24; **Manufacturer** of lighting switches for automobiles, supplying Hudson, Essex, Chrysler, Nash, Ford, and other firms, and manufacturer of other electrical and radio equipment, Chicago, 1924 to date, now under the firm name of Soreng-Manegold Company. **Inventor**; holder of about one dozen patents, chiefly on electrical devices. **Member:** Society of Automotive Engineers; Western Society of Engineers. **Born** in South Dakota, Aug. 14, 1884; paternal grandfather came from Valdres; mother, from Romsdalen.

**SORENSEN, ROYAL WAS-SON**, B.S. in E.E., University of Colorado, 1905; E.E., 1928. **Professor and Head of the Department of Electrical Engineering**, California Institute of Technology, Pasadena, Calif., 1911 to date. **Testman**, General Electric Company, Schenectady, N. Y., 1905-06; **Foreman** in the Transformer Test Department, and **Electrical Engineer of Transformer Design**, same company, 1906-10; **Associate Professor of Electrical Engineering**, California Institute of Technology, 1910-11. **Lecturer**, University of California, 1918-20; **Consulting Engineer**, Pacific Light and Power Corporation, Los Angeles, 1914-17; **Consulting Engineer**, United States Electrical Manufacturing Company, 1917 to date; **Consulting Engineer**, General Electric Company, 1929—. **Member** of Research Committee for Submarine Detection, World War; **Radio Instructor**, Signal Corps, Students Army Training Corps. **Author** of numerous technical articles published in *General Electric Review*, *Transactions of American Institute of Electrical Engineers*, *Journal of Electricity*, *Electrical World*, *National Electric Light Association Bulletin*, and other journals. **Inventor** (with R. A. Millikan) of a vacuum switch for cutting off heavy currents of electricity on short notice, by means of which, when tried out, with the vacuum switch-gap left open only one inch, "the entire current of 40,000 volts stopped instantly without so much as registering on the oscillograph record." Planned and designed "a cascade hook-up by which four of the hitherto largest transformers—each with a capacity of 250,000 volts—could be linked into one, giving the marvelous output of a million volts for the use of scientific research." (See *The Scientific American*, Dec. 1926). **Member:** National Electric Light Association; Society for the Promotion of Engineering Education; National Research Council; Tau Beta Pi; Sigma Xi; Fellow, American Institute of Electrical Engineers; member of Research Committee, same;



Chairman, Los Angeles Section, same, 1921-22; Chairman, Los Angeles Joint Technical Society. *Biography in Who's Who in Engineering*, 1925; *American Men of Science*, 1927; *Who's Who in America*, 1928-29. Born at Alta Vista, Kans., April 25, 1882; father came from Oslo.

**SORUM, C. HARVEY**, B.A., St. Olaf College, 1919; M.S., Massachusetts Institute of Technology, 1920; Ph.D., University of Wisconsin, 1927. Assistant Professor of Chemistry, University of Wisconsin, Madison, Wis., 1929—. Assistant in Chemistry, University of Wisconsin, 1924-26; Instructor in Chemistry, same, 1926-29. Formerly of Lanesboro, Minn.

**SOUTHER, SIGRID LUNDE** (Mrs. Souther), Professor of Voice Culture, Washburn College, Topeka, Kans., 1910-14. Instructor in Voice Culture, Washburn College, 1906-10; later returned to Norway. Born in Oslo; sister of the late Aagot Lunde Wright, well-known singer of Boston, wife of the late Dr. James Homer Wright, Assistant Professor of Pathology at Harvard University, 1907-28, a frequent visitor to Norway (see *Who's Who in America*, 1928-29).

**STAFSETH, HENRIK JOAKIM**, B.S., North Dakota Agricultural College, 1915; D.V.M., Michigan State College, 1917. Associate Professor of Bacteriology, Michigan State College of Agriculture and Applied Science, East Lansing, Mich., 1921 to date. Instructor in Bacteriology and Immunology, same, 1917-19; Veterinarian, with rank of 1st Lieutenant at the time of discharge, U. S. Army, Camp Custer, Mich., Nov. 21, 1917-Feb. 8, 1919; Fylkesdyrläge (County Veterinarian), Midtre Søndmør, Norway, Feb. 1920-June 1921; Exchange Professor from Michigan State College to the Royal Hungarian Veterinary College, Budapest, 1925-26; Bacteriologist, Experiment Station, Michigan State College, 1921 to date; 1st Lieutenant, Officers Reserve Corps,

U. S. Army. Author: *Studies in Infectious Abortion*, Michigan Agricultural Experiment Station Technical Bulletin No. 49; *Range Paralysis*, Michigan Agricultural Experiment Station Quarterly Bulletin, Feb. 1927; also numerous popular articles dealing with problems of animal disease, published in various bulletins and journals. Collaborator on Ward Giltner's *Microbiology*, John Wiley & Sons, New York. Selected from a group of 12 American-born officers at Camp Custer to write the history of his organization for the records of the U. S. Department of War. Lecturer on travels, communicable diseases, and bacteriology. Traveled in England, Norway, Sweden, Denmark, Germany, Czechoslovakia, Austria, Hungary, Switzerland, Belgium, Holland, and France, 1925-26. Member: Alpha Psi; Phi Kappa Phi; Phi Sigma; W. M., East Lansing L. No. 480, F. A. M. Member of Board of Elders, People's Church, East Lansing. *Biography in Rus*, 1925, 1930. Born at Skodje, Søndmør, 1890.

**STAGEBERG, OSWALD C. R.**, B.S. in Arch, University of Minnesota, 1926. Instructor in Architecture, University of Idaho, Moscow, Idaho, 1926 to date. Practicing architect. Has designed and cut numerous wood and linoleum blocks for decorative purposes. Member: Pi Alpha (national honorary art fraternity); Sigma Chi (Social fraternity). Winner of faculty prize for scholarship in junior year in college. Born at Jewell, Iowa, July 9, 1901; paternal grandfather, pioneer farmer at Zumbrota, Minn., came from Stjördalen, near Nidaros, in 1857; father, Prof. Olaf O. Stageberg, has been a member of the faculty of Jewell Lutheran College, Waldorf College, and Red Wing Seminary, since 1895, and was a Candidate for Governor of Minnesota, 1918; maternal grandparents came from Stavanger; mother, Mrs. Susie Williams Stageberg, was formerly Editor of *The Organized Farmer*, Red Wing, Minn., is a well-known

lecturer, and has thrice been Candidate for Secretary of State of Minnesota.

**STANGELAND, CHARLES E.**, B.A., Augsburg Seminary, Minneapolis, Minn., 1898; A.M., University of Minnesota, 1901; Ph.D., Columbia University, 1904; Study, University of Berlin, 1902-03; Universities of Paris and Grenoble, 1907-08. Professor of Political Economy, State College of Washington, Pullman, Wash., 1908-09. University Fellow in Economics, Columbia University, 1903-04; Instructor in Economics and History, State College of Washington, 1905-06; Assistant Professor of Political Economy, same 1906-08; Scientific Expert, Bureau of Census, Washington, D. C., 1909-10; Expert Special Agent, Bureau of Corporations, 1911-12; Secretary of the American Legation, La Paz, Bolivia, S. A., 1912-13; Chargé d'affaires, same, 1913; Second Secretary, American Embassy, London, 1914-15; Expert, Bureau of Municipal Research, New York City, 1916-17; Expert, Bureau of State Research, New Jersey, 1917-18; Chief Statistician, Bethlehem Shipbuilding Company, 1918; Expert, State Board of Administration, North Dakota, 1919; Secretary-General of the Neutral Commission for the Investigation of the Causes of the World War, Oslo, 1922; Professor with "Lehr-auftrag" for American Politics and Political Economy, University of Berlin, Germany, 1923 to date. **Author:** *Pre-Malthusian Doctrines of Population: A Study in the History of Economic Theory*, Columbia University Press, 1904; *Die Entwicklung der politischen Parteien in den Vereinigten Staaten*, Heymann Verlag, Berlin, 1911; first *Annual Report of the State Board of Administration of North Dakota*, 1919; also many contributions to American, German, and Norwegian journals. **Translator:** Max Sering's *International Price Movements and the Condition of Agriculture in Non-Tropical Countries*, Reichsdruckerei, Berlin, 1927. **Member:** Academy of Political Science;

Nordmands Forbundet; Cosmos Club, Washington; Die Internationale Vereinigung für vergleichende Rechtswissenschaften und Volkswirtschaftslehre, Berlin; Deutsche Gesellschaft, Berlin. Represented Augsburg Seminary at Centennial Jubilee, University of Oslo, 1911. Traveled in Austria, France, Germany, Hungary, Italy, Scandinavia, Switzerland, and Turkey, 1907-08. First and only American to have a regular appointment in Political Economy at a German university. **Biography** in *International Who's Who*, New York, 1912; *Columbia University Catalogue of Officers and Graduates, 1754-1916*, 1916; *Who's Who in America*, 1906-07 to 1918-19 eds.; *Aschehougs Konversationsleksikon*, Oslo, 1925. **Born** at Sheldahl, Iowa, May 1, 1881; father came from Stavanger; mother (née Siqueland) from Møsterhavn, Søndhordland; cousin, Edna May Stangland, is in charge of the Department of Adult Education, State Department of Public Instruction, Sacramento, Calif., and President of the California Association of University Women.

**STEEN, ESTER ANDERSEN**, A.B., Bates College, 1923; Grad. Work, Newton Theological Institution. Assistant Professor of History and Bible, Shaw University, Raleigh, N. C., 1927 to date. Instructor in English, Bacon College, Bacon, Okla., 1923-24; Teacher of History and Bible, Colby Academy, New London, N. H., 1925-27. **Member**, Phi Beta Kappa (bestowed on graduates of Bates College having attained an average standing of 90% or more during their college course). **Born** at Ulefos, Norway, July 30, 1891; cousin (on mother's side) of Prof. Arthur E. Uhe (q.v.).

**STEENDAHL, JOHN OSCAR**, B.S., Stout Institute, 1917. Assistant Professor of Vocational Education, Indiana University, Bloomington and Indianapolis, Ind., 1918-19. Now a resident of La Grange, Ill.



**STEENSLAND, HALBERT SEVERIN**, B.S., University of Wisconsin, 1895; M.D., Johns Hopkins University, 1899; M.D., University of Leipzig, 1903. **Professor of Pathology, Syracuse University, Syracuse, N. Y., 1908-24.** Lecturer on Pathology and Bacteriology, Syracuse University, 1900-05; Associate Professor of Pathology and Bacteriology, same, 1905-08; Professor Emeritus, same, 1924-25; also Pathologist, St. Joseph's Hospital for Women and Children, 1900-13; Pathologist and Bacteriologist, House of the Good Shepherd, 1900-13; Director of the Pathological Laboratory, Syracuse University, 1900-24. **Author** of many scientific papers published in medical journals. **Member:** American Association of Pathologists and Bacteriologists; American Medical Association; American Association for the Advancement of Science. **Biography in** *American Men of Science*, 1910, 1921. **Born** in Madison, Wis., July 22, 1872; died at Syracuse, N. Y., 1925; brother, M. M. Steensland, taught English at St. Olaf College, 1900-07; another brother, E. B. Steensland, has been President of the Savings Loan and Trust Co., Madison, Wis., since 1910; father, the late Halle Steensland, was born at Sandeid, near Stavanger, was the founder of Hecla Fire Insurance Co., Madison, Wis., 1866, Manager of same, 1866-90, founder of the Savings Loan and Trust Co., Madison, Wis., 1890 and President of same, 1890-1910, world traveler, donor of the Steensland Library at St. Olaf College, and of the Steensland Bridge at Madison, Wis. (see Nelson's *History of the Scandinavians and Successful Scandinavians*, Vol. 2, Minneapolis, 1897; *School Calendar*, 1924).

**STENE, ANDREW EDWARD**, B.S.A., University of Minnesota, 1897; M.S. in Agr., Cornell University, 1902. **Director of the Extension Service, Rhode Island State College of Agriculture and Mechanic Arts, Kingston, R. I., 1914-25.** Principal of Schools,

Ashby, Minn., 1898-1901; Assistant Horticulturist, Rhode Island State College, 1903-04; Superintendent of the Extension Department, same, 1904-14; also Inspector of Nurseries and Supt. of the Gipsy Moth Work, Rhode Island State Board of Agriculture, 1905-10; upon enlargement of the Work, became State Entomologist, 1910-26; upon reorganization of the State Board of Agriculture into the present State Department of Agriculture, became Chief of the Bureau of Entomology in that Department, 1926 to date; Horticulturist, Rhode Island State College Experiment Station, 1925 to date. **Author:** "When to Spray. Formulas and Notes on Spraying," Rhode Island Agricultural Experiment Station *Bulletin* 100, pp. 122-148, E. L. Freeman & Sons, Providence, 1904; *The San Jose Scale* (*Aspidiotus perniciosus*, Comst.) and *Methods of Treatment*, 91 pp., issued by Rhode Island State Board of Agriculture, Providence, 1908; *Some Suggestions on Peach Growing*, E. L. Freeman, Providence, R. I., 1911. Contributor to *Book of Rural Life*. Traveled in Europe, 1902. **Member:** Rhode Island Horticultural Society; Rhode Island Field Naturalists; League of Improvement Societies in Rhode Island; Northeastern League for Rural Progress; Phi Kappa Phi; Chairman, Eastern States Extension Workers Association, 1916. **Biography in** *Who's Who in New England*, 1916; *Rus.* 1918, 1920, 1925, 1930. **Born** near Ashby, Township of Pelican Lake, Grant County, Minn., 1872; parents came from Vuku, Verdal, Nord-Trøndelag; great-grandfather, Ole Skavhaug, was a famous scout in the war with Sweden and the subject of the biography *En Helt af Folket*, published in Norway.

**STENSAAS, JENS**, M.Accts. Professor of Commerce, Bethany College, Lindsborg, Kans., 1908 to date. Assistant in Commercial Subjects, same, 1900-02; Instructor in Commercial Subjects, same, 1902-08; also Treasurer of the College, 1906 to date; Secretary of the Gen-

eral Faculty, most of the time since 1908. Born in Kansas; parents came from Trøndelagen.

**STOLAND, OLE OLUFSON**, A.B., University of South Dakota, 1905; S.M., University of Chicago, 1911; Ph.D., University of Chicago, 1913. Professor of Physiology and Pharmacology, University of Kansas, Lawrence, Kans., 1916 to date. Instructor in Biology, University of South Dakota, 1906-11; Assistant in Physiology, University of Chicago, 1911-13; Professor of Physiology, University of South Dakota, 1913-16. Author: "The Relative Toxicity of Dog's Normal and Hypertrophied Thyroids to Animals Susceptible to Thyroid Feeding," *American Journal of Physiology*, Vol. XXX, p. 37; "The Effect of Pituitary Extract upon Renal Activity" (with C. E. King), *ibid.*, Vol. XXXII, p. 405; "The Influence of Parathyroid Tetany upon the Liver and the Pancreas" (thesis for Ph.D.), *ibid.*, Vol. XXXIII, p. 283; "The Effect of External Temperature on the Toxicity of Thyroid" (Abstract, with May Kinney), *ibid.*, Vol. XLIX, p. 135; "Some Conditions Affecting Catalytic Action of Blood" (with Lalia Walling), *ibid.*, Vol. LXVI, No. 3, Nov. 1923; "The Effect of Various Temperatures on Blood Catalase" (with Lalia Walling), *ibid.*, Vol. 55, No. 2, March 1924; "Thyroid Tolerance following Mild Experimental Hyperthyroidism" (with Lilian Donaldson), *ibid.*, Vol. 72, No. 1, March 1925; "Smooth Muscle Reactions to Guanidine and Liver Extract," *ibid.*, Vol. 76, No. 1, March 1926; "The Abortive Spike of Botrychium," *Botanical Gazette*, Vol. LIV, No. 6, p. 252, Dec. 1912; "Bacterial Anaphylaxis" (with N. P. Sherwood), *Journal of Immunology*, Vol. VIII, No. 2, March 1923; "The Prophylactic Action of Atropine Sulphate upon the Anaphylactic and Allergic Reactions of the Excised Uterus of Virgin Guinea-Pig" (with N. P. Sherwood), *ibid.*, Vol. VIII, No. 2, March 1923; "Observations on the Effects of Liver Extracts in Hypertension Produced

by Guanidine Compounds" (with Ralph Major and C. R. Buikstra), *Bulletin of Johns Hopkins Hospital*, Vol. XXXVIII, No. 3, pp. 112-123, 1926. Member: American Physiological Society; Kansas Academy of Science; Phi Sigma; Beta Theta Pi; Phi Chi; Acacia; Fellow, American Association for the Advancement of Science; President, Kansas Chapter of Sigma Xi. Biography in *American Men of Science*, 1921, 1927; *Who's Who in America*, 1928-29. Born at Beresford, S. Dak., July 30, 1881; parents came from Trondheim.

**STORDAHL, JACOB B.**, B.S., Minnesota Normal College, 1901; Graduate Work, University of Minnesota. Professor of Physics, Geology, Sociology, and Economics, State Teachers College, Spearfish, S. Dak., 1919 to date. Teacher in the Public Schools of Minnesota, 1902-13; Supt. of Schools, Garretson, S. Dak., 1913-19. Author: "Christian Psychology," paper presented to Psychology Club. Biography in *School Calendar*, 1924. Born at Jewell, Iowa, Jan. 20, 1879; father, Andrew O. Stordahl, came from Vadsö; mother, Anna J. (Aasheim) S., from Bergen.

**STORLI, VICTOR E.**, A.B., St. Olaf College, 1921; M.B.A., University of Oregon, 1925; Graduate Student, University of Illinois, 1925-26. Assistant Professor of Commerce, Fresno State College, Fresno, Calif., 1928—. Instructor in Economics and History, Spokane (Wash.) College, 1922-24; Graduate Assistant, University of Oregon, 1924-25; Assistant in Accountancy, University of Illinois, 1925-26; Assistant Professor of Business Administration, University of Oregon, 1926-28. Member: American Association of University Instructors of Accounting; Exchange Club; Beta Alpha Psi (national honorary professional accounting fraternity). Born in Portland, Me., 1896; paternal grandfather came from Hallingdal; mother's parents (Ode) from Valdres; father, the late Rev. K. O. Storli, served as Pastor in South



Dakota, Maine, North Dakota, Texas, Washington, and Oregon, 1882-1923; brother, O. T. Storli, has been a Teacher in the Public and Private Schools of North Dakota, California, Washington, and Oregon, since 1906, the last 10 years Teacher of Mathematics in the Benson Polytechnic High School, Portland, Ore.

**STORLIE, HJALMAR, A.B.**, University of Minnesota, 1924. Instructor in English, University of Missouri, Columbia, Mo., 1924-27; Instructor in English, North Dakota Agricultural College, 1928—.

**STORLIE, JUDITH**, Graduate, Northwestern University; Pupil of Eugene Skaaden, Arne Oldberg, John Doane, Stanley Sedec, and P. C. Putkin. Instructor in Piano, Organ, and Theory, Marion College, Marion, Va., 1921-22; Instructor in Piano and Theory, Hamilton College, Lexington, Ky., 1922-24; Instructor in Piano and Organ, Iowa Wesleyan College, Mt. Pleasant, Iowa, 1924-25.

**STORVICK, ROY ORLANDO**, B.A., Luther College, 1921; B.S., Iowa State College, 1925; M.S., *ibid.*, 1930. Assistant Professor of Dairy Manufacturing, Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa, 1928—. In U. S. Army, World War; Instructor in Physics and Mathematics and Coach of Athletics, Canton Lutheran Normal School, Canton, S. Dak., 1921-23; Butter Inspector, Chicago Mercantile Exchange, Chicago, Ill., 1925-28. **Member:** Alpha Zeta and Gamma Sigma Delta, both honorary agricultural fraternities. **Biography in** *School Calendar*, 1924; *Rus*, 1930. **Born** at Albert Lea, Minn., Dec. 12, 1897; son of O. O. Storvick and Elise (Opdahl) S.; all grandparents came from Sundal, near Christiansund N.

**STRUM, ARTHUR L.**, Graduate, State Normal School, La Crosse, Wis., 1916; Additional Study, University of Illinois and Columbia University. **Professor**

and Head of the Department of Physical Education for Men, Indiana State Teachers College, Terre Haute, Ind., 1923 to date. Formerly Director of Physical Education, Northern Normal and Industrial School, Aberdeen, S. Dak.; Instructor in Physical Education, with rank of Captain, Fort Snelling, Minn., World War; Instructor, South Dakota State College of Agriculture and Mechanic Arts; Director of Physical Education, State Normal School, Oshkosh, Wis.; Director of Physical Education, Fort Wayne (Ind.) City Schools. **Born** in the United States; father came from Bergen.

**STUELAND, GRACE CATHARINE, A.B.** Instructor in Mathematics, University of Denver, Denver, Colo., 1919-20, and probably longer.

**STYRI, HAAKON, M.E.**, Technical College of Oslo, 1907; Ch.E., *ibid.*, 1909; Graduate, Carnegie Institute of Technology, 1910; Dr. Ing. in Metallurgy, Technische Hochschule, Aachen, Germany, 1912; Special Studies, Sorbonne and Laboratoire d'Essais, Paris, Summers, 1913, 1914. Assistant Professor of Metallurgical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa., 1917-20. American-Scandinavian Foundation Fellow, Carnegie Institute of Technology, 1909; Assistant Professor of Metallurgy, Norway Institute of Technology, Trondheim, 1912-16; Chief of the S. K. F. Research Laboratory, Philadelphia, Pa., 1920-27; Director of Research, S. K. F. Industries (products sold in every part of the world), Philadelphia, 1927 to date. **Author:** Dissertation for Ph.D. on copper refining (in German), *Metall. u. Eng.*, Halle, 1912; "Special Staal. Elektrisk Staal-smelting," *Teknisk Ukeblad*, 1912; "Electric Furnaces in the Norwegian Iron Industry," *American Electrochemical Society*, 1917; "Flakes in Steel," *Metallurgical and Chemical Engineering*, 1919; "Modern Theories of Steel Hardening," *Transactions of American Society for Steel Treating*, 1919; "Theory and Practice

of Steel Refining," *British Iron and Steel Institute*, 1923; "General Properties of Ball Bearings," *Journal of American Society of Mechanical Engineers*, 1925. **Member:** American Institute of Mining and Metallurgical Engineers; American Chemical Society; American Society of Steel Treating; Society of Automotive Engineers; American Society of Mechanical Engineers; Franklin Institute, Philadelphia; Iron and Steel Institute, Great Britain; Norwegian-American Engineers Society; Nordmandsforbundet; American-Scandinavian Foundation. **Biography in** *Who's Who in Science—International*, London, 1914; *Who's Who in America*; *Who's Who in the East*, 1930. Born in Oslo, Norway, March 17, 1886.

**SUNDBERG, JOHN CHRISTIAN**, Graduate, Latin School, Lillehammer; M.D., Chicago Medical College, Northwestern University, 1874; Graduate Work, London, Calcutta, and Munich. **Professor of Anatomy, Texas Medical College and Hospital, Galveston, Tex., 1875-76.** Teacher of Languages, Lillehammer (while attending the Latin School); Sailor under Norwegian, English, Peruvian, Russian, and American flags, 1861-69; Commander of a filibustering craft in the South American revolution; Physician in various cities of Northwestern United States; Physician, Seattle, Wash., 1882-?; later in California; U. S. Consul, Bagdad, Mesopotamia (Iraq), 1892-95; Physician, Seattle, Wash., 1907-12. **Author:** *Health Hints for Travelers*, Philadelphia, 1884; *The Last Crusade*, novel, published as a serial in Europe, 1898-99; *Autobiography of a Vagabond* (in preparation at the time of his death); also many contributions to scientific journals. Assistant editor, *Medical and Surgical Reporter*, 1880-81; Editor-in-Chief, *Pacific Medical Journal*, 1891-92. Lecturer. Engaged extensively in research work in the fields of Ethnography, Demography, and Social Pathology. Master of several Oriental and European languages. Traveled around the world

several times. **Member:** King County Medical Society; Washington State Medical Society; American Medical Association; American Public Health Association; American Association for the Advancement of Science; Washington Philological Society; National Geographic Society; Secretary, Territorial Medical Association, Wash.; Corresponding member, American Oriental Society; Foreign associate member, French Society of Hygiene. Honorary Chairman, Section of Hygiene and Demography, First Pan-American Medical Congress, Washington, D. C., 1893; Member, International Medical Congress, Rome, 1895. Adopted Bedouin by the Shammar tribe, Mesopotamia. **Biography in** *Who's Who on the Pacific Coast*, Los Angeles, 1913; *Nordmandsforbundet* (Oslo), Jan. 1913. Born at Skien, Norway, June 7, 1845; died in Seattle, Wash., Nov. 19, 1912.

**SUNDE, CONRAD JULIUS**, B.A., Augustana College (S. Dak.), 1915; B.S., Northern State Teachers College, Aberdeen, S. Dak., 1922; M.S., University of Minnesota, 1926. **Assistant Professor of Chemistry, North Dakota Agricultural College, Fargo, N. Dak., 1929—**. In Army Service, 1917-19; Principal of High School, Kidder, S. Dak., 1922-24; Instructor in Chemistry, North Dakota Agricultural College, 1926-29. **Member:** American Chemical Society. Born at Hawick, Minn., Feb. 17, 1892; father came from Trondheim; mother from Gudbrandsdalen.

**SUNDHEIM, BORGHILD KATHARINE**, B.S., University of Minnesota, 1925; A.M., University of Minnesota, 1927. **Assistant Professor of French, Macalester College, St. Paul, Minn., 1927 to date.** Teaching Fellow in French, University of Minnesota, 1925-27. **Member:** Phi Beta Kappa; Pi Lambda Theta; Lambda Alpha Psi; Minnesota Modern Language Association. Born in Minneapolis, Minn.; father, A. M. Sundheim, successively Superintendent, Assistant Manager, and Manager of



Augsburg Publishing House, Minneapolis, 1890-1929, author and editor, was born in Valdres (see *Who's Who in America*); mother born at Oilo, Valdres.

**SUNDT, GUY MERRILL**, B.S. Associate Professor of Physical Education, University of Wisconsin, Madison, Wis., 1929—. Formerly Assistant, later Instructor in Physical Education, University of Wisconsin; Assistant Professor of Physical Education, same, 1927-29.

**SUNNE, DAGNY GUNHILDA**, A.B., University of Minnesota, 1901; M.A., University of Minnesota, 1905; Ph.D., University of Chicago, 1909. Assistant Professor of Psychology and Director of the Psychological Clinic of the Calender Laboratory of Psychology and Education, Tulane University of Louisiana, New Orleans, La., 1915 to date. Teacher, Moorhead (Minn.) High School, 1901-02; Teacher of Greek, Latin, and German, Concordia College, Moorhead, Minn., 1902-04; Scholar in Philosophy, Columbia University, 1905-06; Teacher of Languages, Concordia College, 1906-08; Fellow in Philosophy, University of Chicago, 1908-09; Teacher, Northern Normal and Industrial School, Aberdeen, S. Dak., 1909-10; Professor of Philosophy and Education, Woman's College of Alabama, 1910-11; Instructor in Education, Wellesley College, 2nd Semester, 1911-12; Teacher, East High School, Minneapolis, Minn., 1912-13; Professor of Philosophy and Education, Oxford (Ohio) College, 1913-15. **Author:** *Development of Subjective Standpoint in Post-Aristotelian Philosophy*, University of Chicago Press, 1911; "A Comparative Study of White and Negro Children," *Journal of Applied Psychology*, Vol. I, No. 1, pp. 71-83, 1917; "Personality Tests: White and Negro Adolescents," *ibid.*, Vol. IX, No. 3, p. 256, 1925; "Diagnostic Value of Yerkes Point Scale," *School and Society*, Vol. VIII, p. 387, 1918; "Comparison of White and Negro

Tests," *ibid.*, Vol. XIX, pp. 469-472, April 1924; "Tests of Discrimination and Multiple Choice for Vocational Diagnosis," *Psychological Bulletin* 16, No. 8, 1919; "The Effect of Locality on Language Errors," *Journal of Educational Research*, Vol. VIII, No. 3, pp. 239-251, 1923; "Comparison of White and Negro Children by the Terman and Yerkes Bridges Rev. of the Binet Test," *Journal of Comparative Psychology*, Vol. V, No. 3, pp. 209-219, 1925; "The Relation of Class Standing to College Tests," *Journal of Educational Psychology*, Vol. VIII, No. 4, pp. 193-211, 1917; "The Relation of Scholarship to the Yerkes and Terman Adult Tests," *ibid.*, Vol. X, No. 10, pp. 520-524, 1919. **Member:** American Psychological Association; Southern Society of Philosophy and Psychology. **Biography in** *American Men of Science*, 1927. Born in Oslo.

**SVEEGGEN, P. A.**, A.B., University of Minnesota, 1908; M.A., University of Minnesota, 1909; Work toward Ph.D., *ibid.*, 1909-12. **Professor and Head of the Department of English**, Ellsworth College, Iowa Falls, Iowa, 1913-15. Assistant in Rhetoric, University of Minnesota, 1908-10; Assistant Librarian, same, 1911-12; Teacher of English and Norwegian, Decorah (Iowa) High School, 1912-13; Professor and Head of the Department of English Language and Literature, Augsburg College, Minneapolis, Minn., 1915 to date; also Secretary of the General Faculty. **Author** of various articles and poems published in magazines and newspapers. **Member**, Lambda Alpha Psi, honorary literary society, University of Minnesota. **Biography in** *School Calendar*, 1924. Born near Alcester, S. Dak., June 30, 1881; parents came from Orkedalen, Sör-Tröndelag.

**SVENSEN, CARL LARS**, B.S. in M.E. (with honors), Tufts College, 1907; M.E., Tufts College, 1921. Professor and Head of the Department of Engineering Drawing, Texas Technological College, Lubbock, Tex., 1926 to date.

Draftsman, Warren Steam Pump Co., Warren, Mass., 2 years; Assistant Engineer, Worcester, Mass., 1907-08; Instructor in Mechanical Engineering, Tufts College, 1908-13; also Head of the Machine Construction Department, Franklin Union (industrial school for adults), 1908-13; Instructor in Engineering Drawing, Ohio State University, 1914-17; Assistant Professor of Engineering Drawing, Ohio State University, 1917-24; also Director, Ohio Technical Night School, 1916-20; made a survey of the teaching of mechanical drawing in the schools of the State of Ohio for the Department of Public Instruction, with Thomas E. French, 1919, alone, 1921. **Author:** *A Handbook of Piping*, D. Van Nostrand Co., New York, 1918; *Essentials of Drafting*, Nostrand Co., 1918, 2nd Ed. 1923; *Mechanical Drawing in High Schools. A Survey* (with Thomas E. French), pub. by the State of Ohio Dept. of Public Instruction, Columbus, 1919; *Mechanical Drawing*, McGraw-Hill Book Co., New York, 1919, 2nd Ed. 1927; *Machine Drawing*, Nostrand Co., 1921; *A Study of the Teaching of Mechanical Drawing in the Public Schools, Colleges and Universities of Ohio*, Ohio Public Instruction Dept. Special Studies Series No. 3, Heer Printing Co., Columbus, 1922; *The Art of Lettering*, Nostrand Co., 1924; *Drafting for Engineers*, Nostrand Co., 1927; *Architectural Drafting* (with Edgar E. Shelton), Van Nostrand Co., New York, 1929. **Member:** American Society of Mechanical Engineers; Society for the Promotion of Engineering Education. **Biography** in *Who's Who in Engineering*, New York, 1925. **Born** at Worcester, Mass., 1884; father born in Oslo; mother of Scotch-English descent.

**SVERDRUP, GEORGE, A.B.**, Augsburg College, Minneapolis, Minn., 1898; Graduate Work, University of Minnesota, 1899-1901; M.A., Yale University, 1902; Graduate Student, Yale University, 1903-05; American School of Archeology, Jerusalem, 1905-06; Universities of Leipzig and Berlin, 1908-09;

University of Oslo, 1914-15; L.H.D., Upsala College, 1929. **Instructor**, Syrian Protestant College, Beirut, Syria (now the American University of Beirut), 1906-07. Teacher in Public Schools, N. Dak.; Instructor, Girard Institute, Sidon, Syria, 1905; Thayer Fellow, American School of Archeology, Jerusalem, 1905-06; U. S. Vice-Consul and Deputy Consul-General, Beirut, 1907; Professor of Mathematics, Augsburg College, Minneapolis, Minn., 1907-08; Professor of Old Testament, Augsburg Seminary, Minneapolis, 1908-11; President of Augsburg Seminary and Professor of Old Testament, 1911 to date. **Translator**, "Letter from Mahdi Muhamed Ahmad to General Gordon," *Journal of American Oriental Society*, Vol. XXXI, 1911. **Member**, American Oriental Society. Member of Board of Trustees, Norwegian Lutheran Deaconess Hospital, Minneapolis, Folkebladet Publishing Co., and Lutheran Board of Missions. Delegate to Lutheran World Congress, Copenhagen, 1929. **Biography** in *Who's Who in America; School Calendar*, 1924; *Who's Who in Education*, 1927; *Who's Who in American Education*, 1930. **Born** in Minneapolis, Minn., Aug. 3, 1879; father, the late Prof. Georg Sverdrup, President of Augsburg Seminary, 1876-1907, was born in Balestrand, near Bergen (see *Who's Who in America*, 1899-1900 to 1906-07 eds.; *Aschehougs Konversationsleksikon*, Oslo, 1925); mother, Katharine (Heiberg) S., born in Bergen; uncle, K. F. Heiberg, was a member of the Minneapolis Public Library Staff, 1889-1922; brother, Edward F. Sverdrup, taught Chemistry at the University of Minnesota, 1926-27, and is now a Chemical Engineer of Buffalo, N. Y.; another brother, Harold U. Sverdrup, is a Teacher at Harvard School for Boys, Los Angeles, Calif.

**SWAIN, CARL C.**, B.S., St. Olaf College, 1907; Graduate Student, University of Wisconsin; A.M., Teachers College, Columbia University, 1918. President of the State Teachers College, Mayville, N. Dak., 1923 to date. Teacher of



Science, Anoka (Minn.) High School, 1907-08; Teacher of Science and History, Virginia (Minn.) High School, 1908-09; President, St. Ansgar (Iowa) Seminary, 1909-10; County Supt. of Schools, Goodhue County (Red Wing), Minn., 1910-13; State Commissioner of Rural Education, Minnesota, 1914-20; Professor of Rural Education, Iowa State Teachers College, Cedar Falls, Iowa, 1920-23; in charge of courses in Consolidated School Administration, University of Minnesota, Summers 1915-20. **Author:** *Studies in Consolidation of Schools*, State Department of Education, St. Paul, Minn., 1917; *Rural School Management* (joint author), Scribners, New York, 1924. Lecturer on Educational subjects. **Member:** National Education Association; National Society of Teachers Colleges; North Dakota Educational Association; North Dakota State Teachers Association, Pi Gamma Mu (science honor society); National Country Life Association; Chairman, American Red Cross, Traill County, N. Dak.; President, National Association of State Inspectors of Schools, 1916; President, Northeastern Section, North Dakota State Teachers Association, 1926; President, North Dakota Educational Association, 1929-30. Member of Board of Education, Norwegian Lutheran Church of America, 1917-26; Chairman, Committee on Survey of Colleges and Secondary Schools, Lutheran Church, 1926-28 (Report pub. by Augsburg Pub. House, Minneapolis, 1928). **Biography in** *School Calendar*, 1924; *Who's Who in America*, 1930-31. **Born** at Zumbrota, Minn., March 31, 1884; parents, Christian Nelson Swain (Sveen), and Oline (Rud) Swain, came from Land, Norway.

**SWENHOLT, HELMER**, Captain of Engineers, U. S. Army. Assistant Professor of Military Science and Tactics, West Virginia University, Morgantown, W. Va., 1919-23. Officer, U. S. Army. **Born** at Wittenberg, Wis., June 28, 1886; paternal grandparents came from Skien; maternal grandparents

(Lysne) came from Lårdal, Sogn; sister, Edna Swenholt Williams (Mrs. R. S. Williams), was a Teacher of Science and Mathematics in the High Schools of St. Charles, Minn., Mayville, Wis., and Prairie du Chien, Wis., 1911-16; cousin of Dr. A. H. F. Homme (q.v.).

**SWENSON, BERNARD VICTOR**, B.S., University of Illinois, 1893; M.E., *ibid.*, 1901; E.E., University of Wisconsin, 1901. Assistant Professor of Electrical Engineering, University of Wisconsin, Madison, Wis., 1898-1905. Instructor in Physics and Electrical Engineering, University of Illinois, 1893-95; Assistant Professor of Electrical Engineering, University of Illinois, 1895-98; also in charge of the Department of Electricity, University of Wisconsin, Summers 1901-03; Secretary and Treasurer, American Street and Interurban Railway Association, 1905-10; with the Street Railways Advertising Company, New York City, 1910 to date. **Author:** *Testing of Electro-Magnetic Machinery and Other Apparatus* (with Frankfield), Macmillan Company, New York, 1911; also various articles in technical journals. **Member:** American Society of Electrical Engineers; American Society of Mechanical Engineers; New York Electrical Society; New York Engineers Club; New York Railway Club; Phi Delta Theta; Tau Beta Pi; Fellow, American Institute of Electrical Engineers. Member of Jury of Awards, Louisiana Purchase Exposition, 1904; Expert in charge of Electrical Engineering Section, same; Assistant Superintendent of Electric Railway Tests, Electric Test Commission, same; Assistant Superintendent of International Electric Congress, same exposition. **Biography in** University of Illinois *Alumni Record*, 1918; *American Men of Science*, 1906, 1910, 1921, 1927. **Born** in Chicago, Ill., May 3, 1872; parents born in Norway; brother, Sidney Orin Swenson, district engineer, New York City.

**SWENSON, JOSEPHINE**, Pupil of Ove Christensen, Royal Court Musician to the Czar of Russia, Copenhagen, 1898-1900; Carl Reinecke, Leipzig, 1905-06. **Professor of Piano, University of Montana, Missoula, Mont., 1915-22.** Instructor in Piano, Mary Baldwin Seminary, Staunton, Va., 1906-07; Professor of Piano, Gustavus Adolphus College, 1907-13; Assistant Professor of Piano, University of Montana, 1913-15.

**SWENSON, MAGNUS, B.M.E.**, University of Wisconsin, 1880; M.S., *ibid.*, 1882; Hon. M.E., *ibid.*, 1898; LL.D., *ibid.*, 1920. **Instructor in Chemistry, University of Wisconsin, Madison, Wis., 1880-83.** Manager of large sugar mill in Texas, 1883-86; Chemical Engineer and Manufacturer, Fort Scott, Kans., and Chicago, Ill., 1886-1903; **President, Walburn-Swenson Company (formerly American Foundry and Machine Company), Chicago, 1886-1903;** Manager, American Cotton Company, New York City, 1886-1903 (the last three positions held simultaneously); Builder of the hydro-electric plant of the Southern Wisconsin Power Company at Kilbourn, Wis., and of the hydro-electric plant of Wisconsin River Power Company at Prairie du Sac, Wis., 1905-15; President and General Manager of the latter two companies (having an aggregate capital of \$8,000,000), 1905-15; Vice-President and Director, Central Wisconsin Trust Company, Madison, Wis., 1905 to date; Vice-President and Director, First National Bank, Madison, Wis., 1919 to date; Director, Norwegian America Line (Oslo, Norway), 1919 to date; President and Chairman of the American Board, Norwegian America Line, 1919 to date; Director, Union Refrigerator Transit Company, Milwaukee, Wis., 1929—. Member, Board of Regents, University of Wisconsin, 1905-10; President, same, 1910; Chairman, Wisconsin State Capitol Commission (during the construction of the State Capitol), 1908-17; Chair-

man, Wisconsin State Council of Defense, 1917-18; Federal Food Administrator for Wisconsin, 1917-18; Chief of Relief Mission to Northern Europe, American Relief Administration, 1918-19. **Inventor: Swenson's Multiple Effect Evaporator; Swenson's Comminutor; Swenson's Filter Press; American Cotton Company Round Bale Press.** New methods and processes devised by him have materially advanced the sugar industry of the United States. **Winner of \$2,500.00 prize offered by the U. S. Department of Agriculture for the best paper on the chemistry and manufacture of sugar, 1883;** awarded the John Scott Medal for the invention of the Round Bale Press, 1900; awarded the United States Liberty Service Medal by the Government of the United States; decorated by the King of Norway with the Order of St. Olav; decorated by the President of Finland with the Order of the White Rose. **Biography in *Wisconsin Engineer*, April 1918; *North Star* (Holter Pub. Co., Minneapolis), Oct. 1919; *Literary Digest*, Feb. 1921. Born at Langesund, April 12, 1854; brought up at Larvik; came to the United States in 1868 (in a sailing vessel, the voyage lasting 3 months, "during which time 22 of the 60 passengers died of starvation and exhaustion"); now residing on large estate, the "Thorstrand," on the shore of Lake Mendota, near Madison, Wis.**

**SWENSON, RINEHART JOHN, B.A. (with Distinction)**, University of Minnesota, 1915; M.A., *ibid.*, 1916; Ph.D., University of Wisconsin, 1918. **Professor of Government, New York University, New York, N. Y., 1928—.** Scholar in Political Science, University of Minnesota, 1915-16; Fellow in Political Science, University of Wisconsin, 1916-18; in Military Service, Sept. 9, 1918-Jan. 8, 1919; Instructor in Government, New York University, 1919-21; Assistant Professor of Government, same, 1921-26; Associate Professor of Government, same, 1926-28; also Executive Secretary



of the Committee on the Washington Square Library, 1926 to date.

**Author:** *Public Regulation of the Rate of Wages*, H. W. Wilson Company, White Plains, N. Y., 1917; *The National Government and Business*, Century Company, New York, 1924; *Principles of American Government* (in preparation); *Methods and Status of Scientific Research* (with Walter E. Spahr), Harper & Brothers, New York, 1930. Editor (with Rufus D. Smith), *Studies in Modern Politics* (projected series of studies by a group of authors, the first two books expected to be off the press in 1931), Ronald Press Company, New York. **Member:** American Political Science Association; Phi Beta Kappa, University of Minnesota, 1915. **Biography** in *Who's Who Among North American Authors*, 1927-28, 1929-30; *Who's Who in the East*, 1930. **Born** at Ellsworth, Iowa, Nov. 22, 1887; father, the late Samuel Swenson (Riveland), came from Riveland, Aardal, Stavanger Amt; mother, Rachel (Kirkhus) Swenson, came from Kirkhus, Aardal; brother, Severn Hugh Swenson, has been teaching in the High Schools of Omaha, Neb., for a number of years; brother of Prof. S. W. Swenson (q.v.).

**SWENSON, SADIE JOHN-NETTA**, Graduate, College of Industrial Arts (State College for Women), Denton, Tex., 1906; B.S., Teachers College, Columbia University, 1921. **Instructor** in Home Economics, State College of Washington, Pullman, Wash., 1912-19. **Instructor** in Domestic Science, Oklahoma Summer Normal, 1908; Assistant Instructor in Household Arts, College of Industrial Arts, Denton, Tex., 1910-12; **Instructor** in Home Economics, University of Montana, Summer Sessions 1916, 1917, 1918; **Teacher** in Home Economics Department, Technical High School, Springfield, Mass., 1921 to date. **Member**, Omicron Nu (honor society). **Born** at Clifton, Texas; parents came from Hede-marken; cousin of mother of H. Noel Bakke (q.v.); maternal grandparents were among the first eight

families to settle in Bosque County, Texas; grandmother was a favorite hostess of Cleng Peerson, and the two lie buried in adjoining lots at Norse, Texas.

**SWENSON, S. W.**, B.A., University of Minnesota, 1907; M.A., University of Minnesota, 1913; Graduate Student, Columbia University, 1926-27. **Assistant Professor of Government**, University of Oklahoma, Norman, Okla., 1923 to date. **Professor** and **Head** of the Department of History and Political Science, Ellsworth College, 1914-15; **Assistant** in Political Science, University of Wisconsin; **Instructor** in Government, University of Oklahoma, 1919-23. **Instructor** in Government, New York University, 1926-27. **Author:** "Representation in the State of Minnesota," dissertation awarded the B. Prize, University of Minnesota, 1912; also various papers published in *Southwestern Political Science Review*, *Proceedings of the Southwestern Political Science Association*, and other journals. **Member**, Southwestern Political Science Association. **Born** in Hamilton County, Iowa; brother of Dr. Rinehart J. Swenson (q.v.).

**TEIGEN, PETER**, A.B., University of Minnesota; M.Arch., Harvard University, 1919; Graduate Student, Graduate School of Arts and Sciences, Harvard University; L'Academie Russe, Paris. **Assistant Professor of Art**, Princeton University, Princeton, N. J., 1928—. **Assistant Professor of Art**, Smith College, Northampton, Mass., 1926-28; also **Assistant Professor of Art**, Harvard University Summer School, 1927. **Artist**. Represented by 9 paintings at Harvard University. Awarded the Robert Bacon Traveling Fellowship in Art, Harvard University, 1923-25; awarded medal at Scandinavian-American Exposition. **Born** in Minneapolis, Minn., Aug. 28, 1899; paternal ancestors came from Trondheim; maternal ancestors, from Oslo.

**THARALDSEN, CONRAD ENGERUD**, B.S., St. Olaf College, 1907; M.A., Columbia University, 1918; Ph.D., *ibid.*, 1925. Professor and Head of the Department of Anatomy, New York Medical College and Flower Hospital, 64th St. and York Ave., New York, N. Y., 1927 to date. Teacher of Biology, Blaine High School, Superior, Wis., 1907-09; Head of the Department of Biology, State Normal School, Mayville, N. Dak., 1909-17; Assistant Professor of Zoology, Northwestern University, 1918-25; Associate Professor and Head of the Department of Zoology, same, 1925-27. Has done extensive research work in the field of cytology. **Author:** "An Apparatus for the Dissection of the Living Cell," *American Naturalist*; "A Paraffin Oven for Individual Use," *Journal of Anatomy*; "Origin of Cleavage Centers in Cells," *Journal of Experimental Zoology*; "The Mechanism of Cell Cleavage," *Biological Bulletin*; "Recent Advances in Zoology," *School Science and Mathematics*; "W. A. Locy, Biologist and Historian of Biological Science," *Scientific Mo.*; "Furfural as a Biological Reagent," *Science*; "Blood Reactions of *Ceanothus Americanus*," *American Journal of Physiology*; "Ceanothyn as a Hemostatic," *Journal of the American Institute*; "The Mechanism of Blood Clotting," *Journal of Ophthalmology*; "The Cell Mechanism in Relation to Abnormal Development," *Journal of Morphology*; "The Etiology of Cancer from the Standpoint of the Cell," *Hahnemannian Mo. Inventor*; Micro-vivisection apparatus; Paraffin oven; other biological appliances; Blood coagulant; Solid Cod Liver Oil. **Member:** American Association of Anatomists; Society for Experimental Biology and Medicine; New York Academy of Pathological Science; New York Academy of Science; Illinois Academy of Science; History of Science Society; American Association of University Professors; Sigma Xi; National Arts Club; Fellow, American Association for the Advancement of Science. **Biography** in *Who's Who in America*, since 1924-25 ed.;

*American Men of Science*, 1927; *Who's Who in the East*, 1930. Born at Battle Lake, Minn., May 20, 1884; father, the late Rev. Iver Tharaldsen, pastor in Norwegian Lutheran churches in Wisconsin, Minnesota, North Dakota, and New York, 1874-1926, was born in Stod, Indherred, near Trondheim; maternal grandfather (Engerud) came from Lier, near Drammen, in 1852; uncle, the late Hon. Edward Engerud, was a Justice of the Supreme Court of North Dakota, 1904-07, and later served as U. S. District Attorney for the District of North Dakota (see *Who's Who in America*, 1916-17); nephew of Mrs. Peter Hendrickson (see Prof. Peter Hendrickson); brother, Hjalmar Tharaldsen, is Sales Manager, Cameron Surgical Specialty Co., Chicago; sister, Aagot L. Tharaldsen, musician, taught piano at Lutheran Normal School, Madison, Minn., 1914-15, and has for many years been a member of the faculty of Munson Institute of Music, Brooklyn, N. Y. (see *School Calendar*); brother, Dr. Thorfin Tharaldsen, is a physician of Portland, Ore.

**THEODORSEN, THEODORE**, Dipl. Ing. in M.E., Norway Institute of Technology, Trondheim, 1922; Ph.D. in Theoretical Physics, Johns Hopkins University, 1929. **Instructor in Mechanical Engineering in Thermodynamics and Mechanics**, Johns Hopkins University, Baltimore, Md., 1924-29. Research Fellow, Norway Institute of Technology, Trondheim, 1922-23 (appointed by reason of having maintained the highest scholastic standing of his class); Assistant Professor of Mechanical Engineering, Norway Institute of Technology, 1923-24; Associate Physicist, National Advisory Committee for Aeronautics, Langley Field, Va., 1929—; also Construction Inspector during the erection of the Gould Street Power Station, Baltimore, Md., Summer and Fall, 1926; Research Engineer, Oil Heating Institute of New York, Summer and Fall, 1927, carrying on researches at Johns Hopkins University with respect to the combustion



of oil in domestic furnaces, the results of these researches being made available to all the members of the Institute; extensively consulted by oilburner concerns. **Author:** I. *On the Propagation of Large Disturbances in a Gas*. II. *On the Combustion of Oil* (dissertations for Ph.D.). In addition to serving as full-time Instructor in Mechanical Engineering, did the work for his Ph.D. in Physics in one year, which is the shortest space of time in which the Ph.D. degree has been obtained at Johns Hopkins University. **Member,** American Society of Mechanical Engineers. **Born** at Huvik, Sandeherred, Vestfold, Jan. 8, 1897; came to the United States in 1924.

**THOEN, ERLING, D.D.S.,** State University of Iowa, 1915. **Professor and Head of the Department of Operative and Dental Anatomy Technics,** State University of Iowa, Iowa City, Iowa, 1923 to date. **Demonstrator in Operative Technic and Dental Anatomy,** State University of Iowa, 1915-19; **Instructor,** same, 1919-20; **Assistant Professor of Operative and Dental Anatomy Technics,** same, 1920-21; **Associate Professor of Dental Anatomy and Operative Technique,** same, 1921-23. **Member:** American Dental Association; Iowa State Dental Society; University District Dental Society; Psi Omega (dental fraternity). **Born** in Iowa; paternal grandfather, Elting Nelson Thoen, sometime County Supervisor, Worth County, Iowa, came from Bigdal about 1850; paternal grandmother, Anne (Brekke) Thoen, was born in Telemarken; father, N. E. Thoen, was born in Winneshiok County, Iowa; mother, Anne (Holmen) T., and her parents, Peter and Oleana Holmen, born in Toten; uncle, Rev. Jacob E. Thoen, has been Pastor in Nebraska, Minnesota, and Wisconsin, since 1895, and was Principal of the Academy and Teacher of Greek and German, Luther Academy, Albert Lea, Minn., 1903-14.

**THOMPSON, CARL WILLIAM, A.B.,** University of South Dakota, 1903; A.M., Harvard Uni-

versity, 1904. **Assistant Professor of Economics and Director of the School of Commerce,** University of South Dakota, Vermillion, S. Dak., 1905-08; **Professor of Economics and Sociology and Director of the School of Commerce,** same, 1908-10; **Assistant Professor of Economics,** University of Minnesota, 1910-11; **Associate Professor of Economics and Director of the Bureau of Research in Agricultural Economics,** University of Minnesota, 1911-13; **Specialist in Rural Organization and Project Leader of Food Surveys,** Bureau of Markets, U. S. Department of Agriculture, Washington, D. C., 1913-19; **In Charge of the Division of Cooperative Marketing,** same Bureau, 1919-20. **Author:** *Egg Marketing*, University of Minnesota Agricultural Extension Division Extension Bull. No. 36, University Farm, St. Paul, 1912; *Technical Studies in Egg Marketing*, 45 pp., Minn. Agr. Ext. Bull. 132, 1913; *Social and Economic Survey of a Rural Township in Southern Minnesota* (with G. P. Warber), University of Minnesota Studies in Economics, 1, 75 pp., Minneapolis, 1913; *Relation of Jobbers and Commission Men to the Handling of Produce*, reprinted from Annals of American Academy of Political and Social Science, No. 736, pp. 57-68, Philadelphia, 1913; *How the Department of Agriculture Promotes Organization in Rural Life*, reprinted from U. S. Department of Agriculture Yearbook, 1915, Government Printing Office, Washington, D. C., 1916; *Amortization Methods for Farm Mortgage Loans* (with Leon E. Truesdell), U. S. Dept. of Agr. Circular No. 60, Government Printing Office, 1916; *Costs and Sources of Farm Mortgage Loans in the United States*, U. S. Dept. of Agr. Dept. Bulletin No. 384, Government Printing Office, 1916; *Factors Affecting Interest Rates and Other Charges on Short-Time Farm Loans*, U. S. Dept. of Agr. Dept. Bull. No. 409, Government Printing Office, 1916; *How Farmers May Improve Their Personal Credit*, U. S. Dept. of Agr. Farmers' Bull. 654, Government Printing Office, 1915; *How the Fed-*

*eral Farm Loan Act Benefits the Farmer*, U. S. Dept. of Agr. Farmers' Bull. 792, Government Printing Office, 1917; "The Marketing of Farm Mortgage Loans," *Proceedings of Pan-American Scientific Congress*, 2nd, Washington, 1915-16, pp. 603-612, Washington, 1917; *Cooperation and Marketing*, Missouri State Board of Agriculture Monthly Bull., Aug. 1919; *Rural Community Buildings in the United States* (with Wayne C. Nason), U. S. Dept. of Agr. Bull. No. 825, Government Printing Office, Washington, 1920. **Biography in Rus**, 1918, 1920, 1925. **Born** at Evansville, Minn., Nov. 21, 1879; died at Washington, D. C., Feb. 2, 1920; brother of Dr. Tollef B. Thompson (q.v.).

**THOMPSON, ETHEL**, Mus.B., Morningside College, 1921. **Instructor** in Pianoforte and Normal Music, Morningside College, Sioux City, Iowa, 1921 to date. **Organist**, Trinity Lutheran Church, Sioux City. **Born** in the United States; paternal grandfather was born in Christiansund N.; paternal grandmother, born in Bergen.

**THOMPSON, TOLLEF BERNARD**, A.B., Valparaiso University, 1900; Graduate Student, University of Oslo, 1902-03; A.M., University of South Dakota, 1904; Graduate Student, University of Berlin, 1906-09; Ph.D., University of Greifswald, 1909; **Additional Work**, State University of Iowa and University of Chicago. **Professor of Philosophy and Scandinavian**, University of South Dakota, Vermillion, S. Dak., 1909-18. **Principal of Public School**, Garden City, Minn., 1895-96; **Teacher**, Concordia College, Moorhead, Minn., 1896-98; **Principal of Academy and Teacher of History, Latin, and German**, Menx College, 1900-01; **Principal of the Department of Commerce and Instructor in Scandinavian**, University of South Dakota, 1901-02; **Professor of Scandinavian and Instructor in Commercial Branches**, same, 1903-06; **Professor of Economics**, University of Maryland, 1920-21; **Professor of Economics and Sociol-**

**ogy**, same, 1921-23; **Professor of Economics and Business Administration**, same, 1923-24; **Lecturer in Commerce**, American University, Washington, D. C., 1924-25. **Author: Skandinavischer Einfluss auf William Morris in den ersten stadien**, dissertation for Ph.D., 106 pp., pub. by G. Schade, Berlin, 1910; also various other treatises. **Member**, Advisory Committee, Society for the Advancement of Scandinavian Study. **Biography in School Calendar**, 1924. **Born** at Evansville, Minn., April 21, 1877; died, 1925; brother of Prof. Carl William Thompson (q.v.).

**THORGRIMSON, GUDMUND G.**, A.B., Luther College, 1917; S.B., University of North Dakota; M.D., Rush Medical College, University of Chicago. **Assistant Professor of Anatomy**, University of North Dakota School of Medicine, Grand Forks, N. Dak., 1927 to date. **Physician**, Grand Forks. **Author:** "Periodic Health Examinations," paper read before Grand Forks District Medical Society, Sept. 1927; "Immunity," paper presented to the Fortnightly Club, Grand Forks, N. Dak., Feb. 1928. **Born** in the United States; father, Rev. H. B. Thorgrimson, Pastor since 1882, was born in Iceland; maternal grandfather, Rev. H. A. Stub (1822-1907), Pastor in the United States and Norway, 1848-1907, was born at Fuse, near Bergen; nephew of Dr. H. G. Stub, President of or Professor at Luther Seminary, St. Paul, Minn., 1878-1917 (see *Who's Who in America*).

**THORKELSON, HALSTEN JOSEPH**, B.S., University of Wisconsin, 1898; M.E., University of Wisconsin, 1901. **Professor of Steam Engineering**, University of Wisconsin, Madison, Wis. **Laborer, Clerk, and Draftsman**, 7 years; **Assistant Superintendent**, J. I. Case Plow Works, Racine, Wis., 1901-02; **Instructor in Steam Engineering**, University of Wisconsin, 1902-04; **Assistant Professor of Steam Engineering**, University of Wisconsin, 1904-08; **Associate Professor**



of Steam Engineering, same, 1908-13; Professor of Steam Engineering, same, 1913-14; Acting Business Manager, later Business Manager, University of Wisconsin, 1914-21; Director of the Division of College and University Education, General Education Board and International Education Board, New York City, 1921-28; resigned on Nov. 30, 1928, to accept an important position with Governor Kohler, formerly Chairman of the Board of Regents of the University of Wisconsin. **Author:** *Air Compression and Transmission*, McGraw-Hill Book Co., New York, 1913; *Long Distance Transmission of Steam and its Effect on Power Plant Economics*, University of Wisconsin Bull. No. 347 (Engineering Series, Vol. 6, No. 3), Madison, 1910; "The University: Past, Present and Future," *Wisconsin Alumni Magazine*, Jan. 1921; also numerous other publications. **Member** (past and present): American Society of Mechanical Engineers; Society for the Promotion of Engineering Education; Western Society of Engineers; Wisconsin Academy of Science, Arts, and Letters; Fellow, American Association for the Advancement of Science. **Biography** in *Who's Who in America*, since 1916-17 ed.; *Who's Who in Engineering*, New York, 1925. **Born** at Racine, Wis., Jan. 18, 1875; son of Mathias and Mary (Eggen) T.

**THORMODSGARD, OLAF H.**, B.A., Spokane College, Spokane Wash., 1913; Student, University of Washington, 1913-14; M.A., St. Olaf College, 1916; J.D., University of Chicago, 1923; Add. Work, Harvard University, 1925-26. **Professor of Law, University of North Dakota, Grand Forks, N. Dak., 1929—**. Teacher of History, Fergus Falls (Minn.) High School, 1916-18; with American Expeditionary Forces, 1918-19; Professor of Economics and Government, St. Olaf College, 1919-25; Pursuing Study of International Law as Administered by the Courts, International Law Problems, Private International Law, Roman Law, Prin-

ciples of the Civil Law and Modern Codes, and Constitutional Law (under a Teachers' Fellowship granted by the Carnegie Endowment for International Peace), Harvard University, 1925-26; Associate Professor of Law, University of North Dakota, 1926-29. **Author:** "Recognition in International Law" (with Roger D. Moore), *St. Louis Law Review*, Feb. 1927; "The Agnello Case and the Seasonable Demand Rule," *Dakota Law Review*, Jan. 1927; "Middle-West Blue Sky Legislation," *ibid.*, Oct. 1927; Review of John Herve's *The Legal Effects of Recognition in International Law*, *ibid.*, 1929; Review of Masterson's *The Marginal Seas*, *ibid.*, June 1929; Review of Henry W. Ballantine's *Private Corporations*, Southern California Law Review, March 1928; Review of Mechem and Atkinson's *Cases on the Law of Wills and Administration*, Illinois Law Review, 1929; "Why Make a Will?" University of North Dakota *News-Letter*, April 15, 1929; "The Farmers' Cooperative Movement," thesis for M.A., St. Olaf College, 1916; "The Financial Corporation Laws of the State of Minnesota," paper read before the Commerce Club, St. Olaf College, 1924; "The Permanent Court of International Justice," paper presented to the Fortnightly Club, Grand Forks, N. Dak., May 6, 1929. **Member:** American Association of University Professors; Order of Coif (national law-school honor society); Phi Delta Phi (legal frat.); Pi Gamma Mu (national social science honor soc.). Member of the Minnesota Bar, and of the North Dakota Bar. **Biography** in *School Calendar*, 1924. **Born** at Carrington, N. Dak., Sept. 15, 1891; father, Rev. H. O. Thormodsgard, pastor in North Dakota, South Dakota, and Washington since 1886, was born at Aal, Hallingdal; mother from Arendal-Tvedestrand-Christiansand; wife, Marie (Bentegeat) T., a Graduate of the University of Bordeaux, was for two years Exchange Scholar at the University of North Dakota, Assistant in French, same, 1919-20, Teacher of French, High School,

Williston, N. Dak., 1920-21, High School, Anderson, Ind., 1921-26, and Instructor in French and Spanish, University of North Dakota, 1926-29.

**THORNE - THOMSEN, GEORGE**, Student, Gundersen's Gymnasium, Oslo, 1892; Graduate, Cook County Normal School, Chicago, 1895; Additional Work, University of Chicago. **Assistant Professor of Education, University of Utah, Salt Lake City, Utah, 1903-04.** Teacher of Geography, Cook County Normal School, Chicago, Ill., 1895-1900; Instructor, School of Education, University of Chicago, Summer 1901; Supervisor of the Teaching of Geography and History, State Normal School, University of Utah, 1901-04; on Faculty of University of Chicago, Summer Quarter 1905; later Editor, Chicago. Wife, Mrs. Gudrun Thorne-Thomson, was a teacher in Cook County Normal School, Chicago, 1893-96, Chicago Normal School, 1896-99, traveler and student in Norway, France, Italy, Greece, and Egypt, 1899-1900, Associate in History and Literature, and Critic Teacher, School of Education, University of Chicago, 1900-03, later Teacher in Francis W. Parker School, Chicago, Visiting Lecturer on Children's Literature, Western Reserve University, 1921-22, 1922-23, and is now Principal of the Ojai Valley School, Ojai, Calif.

**THORP, ELLA ALICE MARGARET**, B.A., University of Minnesota, 1914. Instructor in Mathematics, University of Minnesota, Minneapolis, Minn., 1916 to date. Teacher of Mathematics, High School, 1914-16. Member, Phi Delta Kappa. Born in the United States; father came from Rodenes; mother, from Nordland.

**THORSON, AGNES M.**, see Agnes M. Thorson Landis.

**THORSON, THEODORE, B.S.**, Iowa State College, 1915. **Assistant Professor of Dairy Husbandry, University of Nebraska, Lincoln, Neb.,**

1917-18. Instructor in Dairy Husbandry, University of Nebraska, 1915-17; Agricultural Agent, Bremer County, Iowa, 1918-23. **Member:** Lambda Chi Alpha; Gamma Sigma Delta (honorary agricultural fraternity). **Biography in *Rus.*, 1930.** Born at Forest City, Iowa, 1887; parents came from Christiansund N.; brother, Thorwald Thorson, taught Mathematics and Science at Waldorf College, Forest City, Iowa, 1903-14, since 1915 a practicing architect of Forest City; mother, Anne (Back) T., is a niece of Rev. Elling Eielsen (1804-1883), first Norwegian Lutheran pastor in America, organizer of the first Norwegian Lutheran Congregation in America, and publisher of the first book in the Norwegian language to be printed in the United States (see *School Calendar*, 1924).

**THVEDT, CHRISTIAN BERNHARD**, B.S. in E.E., University of Illinois, 1912. **Instructor in Electrical Engineering, University of Pennsylvania, Philadelphia, Pa., 1913-14.** Later resident of Greater New York. **Biography in *University of Illinois Alumni Directory*, 1916.** Home, Bergen, Norway.

**TILLISCH, BERGLIOT AALRUD** (Mrs. Tillisch), Instructor in Voice, Highland Park College, Des Moines, Iowa, for some years about 1916. Now resident of Seattle, Wash. "Exponent in America of Norse Folk Songs" (*Norse-American Women*).

**TINGELSTAD, JOHN, A.B.**, Luther College, 1885; Graduate Student, Valparaiso University, 1886; A.M., Luther College, 1890; Studies in Iceland, Denmark, Norway, and Sweden, 1901-02, 1927-28. **Professor and Head of the Department of Scandinavian Languages and Literatures, University of North Dakota, Grand Forks, N. Dak., 1911-29.** Teacher, Public Schools, Cass County, N. Dak., 1885-86; Teacher of Mathematics, Luther College, 1886-87; Principal, Bruflat Academy, Portland, N. Dak., 1892-99; Professor of German and Scandi-



navian Languages and Literatures, University of North Dakota, 1901-11. Represented the University of North Dakota at the University of Oslo Centennial, 1911. "Largely through his efforts the University now has a Scandinavian library recognized generally throughout the United States. In addition he at one time was offered the nomination for state governorship. This post he declined although friends secured more than 10,000 signatures on petitions requesting him to make the race. He also was tendered a post in the United States Consular Service at Montreal. All of these he turned down, for as he himself expressed it, 'Teaching is a profession for which I have the greatest liking. I have always considered it a privilege and a pleasure to associate with young people and have the opportunity to help them in the building of their lives.'" *The U. N. D. Alumni Magazine*, May 1929. **Biography** also in *School Calendar*, 1924. Born at Gran, Hadeland, May 16, 1861; came to the United States in 1879; nephew, Dr. O. A. Tingelstad, was Professor of Psychology and Education, Luther College, 1909-28, and has been President of Pacific Lutheran College, Parkland, Wash., since 1928 (see *Who's Who in America*).

**TOLAAS, ARNE G.**, .... Assistant Professor of Horticulture, University of Minnesota, Minneapolis, Minn., 1929—. Formerly in charge of Seed Potato Certification, University of Minnesota.

**TOLL, CHARLES HANSEN**, A.B., Hamilton College, 1904; A.M., Harvard University, 1905; Ph.D., University of Freiburg, 1909. Professor of Philosophy and Psychology, Amherst College, Amherst, Mass., 1924 to date. John Harvard Fellow, Harvard University, 1906-08; Assistant Professor of Philosophy, Amherst College, 1909-12; Associate Professor of Philosophy, same, 1912-24; also Chief Psychological Examiner, Camp Custer, Mich., 1918, with rank of Captain, Sanitary Corps; now Major, Sani-

tary Officers Reserve Corps. **Author:** *Die erste Antinomie Kants und der Pantheismus* (dissertation for Ph.D.), Reuther & Reichard, Berlin, 1910; also various articles dealing with psychological subjects. **Member:** American Psychological Association; American Philosophical Association; American Association for the Advancement of Science; Psychological Corporation; American Association of University Professors; Psi Upsilon; Phi Beta Kappa. **Biography** in *American Men of Science*, 1921, 1927; *Who's Who in the East*, 1930. Born in Denver, Colo., May 21, 1882; descendant, in the 7th generation, of Karel Haensen Toll, who arrived in New York City in 1680. George S. Roberts, in his book, *Old Schenectady*, p. 211, referring to "Karel Haensen Toll, the first American ancestor of the Toll family," says: " \* \* \* his great-grandson arrives at the conclusion, after long and careful investigation, that the family is of Norwegian extraction. \* \* \* This great-grandson, Dr. D. J. Toll, in 1847, wrote a fifty-page pamphlet, in his old age, giving anecdotes and reminiscences of the family." Roberts states that Toll, apparently a sea-faring man, was captured by the Spanish off the north coast of South America, was imprisoned "probably in the fortress of Porto Cabello," escaped from his captors, swam to a ship in the nearby harbor, and was brought by it to New York in 1680. A few years later Toll "arrived in Schenectady with no other capital than a sound body and mind; a great deal of that 'stuff' which made the old Norsemen from whom he was descended, invincible; and \* \* \* a determination to succeed \* \* \*". At twenty-five, these qualities were his only possessions." At sixty, he was the owner of "nearly seven miles of valuable flats along the north bank of the Mohawk river \* \* \* generally known as 'The Toll Place,'" with a brickhouse, "next to the Sanders Mansion, the largest in Schenectady at the time it was built." He was a member of the Colonial legislature of New York, 1714-1726. The generations from

the original Toll to Dr. Charles Hansen Toll of Amherst College were as follows: Karl Haensen Toll, 1658(?)–1737; Simon Toll, 1698–?; Daniel Toll, 1751–?; Charles Hansen Toll (or Karel Hansen Toll), 1784–1869; Abel Hyde Toll, 1822–1893; Charles Hansen Toll, 1850–1901; Dr. Charles Hansen Toll of Amherst College, 1882—. Grandfather, Abel Hyde Toll, was the owner of a large farm at Baldwinsville, near Syracuse, N. Y.; father, the late Charles Hansen Toll, was a distinguished lawyer of Denver, and served for one term as Attorney-General of the State of Colorado; brothers: Oliver Toll, officer in the Naval Aviation Corps during the World War; Roger W. Toll, Major in Ordnance Department, U. S. Army, World War, since 1921 Supt. of Rocky Mountain National Park (see *Who's Who in America*, since 1928–29 ed.; *Who's Who Among North American Authors*, 1929–30); Hon. Henry W. Toll, 1st Lieutenant, General Staff, World War, noted lawyer of Denver, and State Senator, Colo., 1923–31 (see *International Blue Book*, London, Paris, and New York, 1928; *Who's Who in America*, 1928–29).

Other descendants of the original Toll include: (1) His son, Capt. Daniel Toll (1691–1748), who, upon his father's death, acquired the latter's "vast fertile river flats and the pasture-land," married the daughter of Samuel Bradt, a granddaughter of Arent Andriessen Bradt, who came from Fredrikstad to New York in 1637, and was "one of the first white men to settle in Schenectady" (see Dr. Evjen's *Scandinavian Immigrants in New York*, and Pearson's *Genealogies of the First Settlers in Schenectady*); Capt. Toll was the first victim of the "Beukendaal fight" with the Indians, July 1748. (2) Daniel's son, Johannes Toll (1719–1746). (3) Johannes' son, Karel Haensen Toll (or Charles Hansen Toll) (1746–1832), who "was possessed of the family energy and of high principles; like his namesake, he was a man of unchanging determination and loyalty." (4) Karel Haenson's son, John

C. Toll (?–1848 or 1849), A.B., Union College, 1799, served as Pastor of churches at Westerlo and Middletown for 19 years, preaching in English and Dutch, and "finding congenial companionship among the professors of Union College." (5) John's brother, Philip R. Toll (1793–1862), Captain of a company of mounted artillery in the War of 1812, which "company was selected by General Wade Hampton for headquarters guard, on account of its military excellence and its fine appearance;" physician, went west. (6) Philip's son, Isaac D. Toll, "a brilliant and distinguished general in the Mexican War \* \* \* still living, at a great age, in the west." (7) Phil R. Toll (1863–), born in St. Joseph County, Mich., "son of Alfred Toll, who was one of the prominent lumbermen of the west, and a native of Schenectady," N. Y.; upon his father's death, Phil R. Toll "became chairman of the board of the Badger Lumber Company, the Fort Smith Lumber Company, the Central Railway of Arkansas, and the Choctaw Investment Company, besides being interested in several other corporations" (see *The Americana, Biographies*, 1923).

**TOLLEFSEN, CARL HENRY**, Graduate, National Conservatory of Music, New York, 1903; Institute of Musical Art, New York, 1908; Pupil of Leopold Lichtenberg, Henry Schradieck, Franz Kneisel, Percy Goetschius, and Rubin Goldmark. Sometime Head of the Violin Departments, Berkeley Institute, Brooklyn, N. Y., St. Francis Xavier Academy, Brooklyn, N. Y., and Central Branch, Y.M.C.A., Brooklyn; also Member of the Faculty, National Conservatory, New York and Washington, whose "list of distinguished teachers who have served for a longer or shorter time is long and imposing" (*Grove's Dic. of Mus.*, Vol. 6). Director, Tollefsen Studios of Musical Art, Brooklyn, N. Y. First Violinist in New York Symphony Society under Walter Damrosch, 1908–10; Concertmaster, Scandinavian Symphony Orchestra, New



York. Founder and first violinist of the Tollefsen Trio, which since 1908 has appeared annually in New York in the Aeolian Hall, Town Hall, Columbia University, Mozart Society, and Brooklyn Institute of Arts and Sciences, and which has toured the United States from coast to coast and given concerts in 40 States, today the oldest chamber music organization in the country.

**Author** of various articles on education and chamber music, published in musical journals. Possessor of a rare collection of art objects, autographs, and fine old instruments, including an Amati, a Montagnana, a Guarnerius, and an unfinished Stradivari, supposed to have been completed by Montagnana; also a rare library of 2,000 books. Commended by Library of Congress for pioneer work in chamber music and for introducing new works in this country. **Member:** Beethoven Society; Bohemian Club of New York; Tonkünstler Society; American-Scandinavian Foundation; Brooklyn Institute of Arts and Sciences. **Biography** in *International Who's Who in Music*, 1918; Baker's *Biographical Dictionary of Musicians*, 1919; *Grove's Dictionary of Music and Musicians*, Vol. 6, 1920; *Musical Blue Book of America*, 1915-22 eds.; *Who's Who in New York*, 1924, 1929; *New Encyclopedia of Music and Musicians*, New York, 1924; *Key's Music Yearbook*, 1926-27; *Who's Who in the East*, 1930. **Born** in Hull, England, Aug. 15, 1882; father, Thor Henry Tollefsen (d. 1924), was born at Tönsberg, Norway, 1849; mother, Caroline (Johanson) T. (d. 1928), born at Oland, Sweden, 1846; wife, Augusta (Schnabel) T., is a distinguished pianist, member of the Tollefsen Trio (see *Who's Who in New York*, 1929).

**TOLLEFSON, A. MARTIN**, A.B., St. Olaf College, 1916; A.M., University of North Dakota, 1917; LL.B., University of Minnesota, 1921; Ph.D., University of Minnesota, 1926. **Professor** of Law, Drake University, Des Moines, Iowa, 1926 to date. Supt. of Schools, Garrison, N. Dak., 1917-

18; with American Engineers in France, 1918-19; Instructor in Economics, A. E. F. University, Beaune, France, 1919; Member of Law Firm of Leslie & Tollefson, Hillsboro and Fargo, N. Dak., 1921-23; Part-time Instructor in Political Science, University of Minnesota, 1923-24; Instructor in Political Science and Public Law, University of Kansas, 1924-25; Assistant Professor of Political Science and Public Law, same, 1925-26. **Author:** "Historical Notes on the Norwegians in the Red River Valley," *Collections of the State Historical Society of North Dakota*, Vol. 7, pp. 131-191; "Judicial Review of Decisions of the Interstate Commerce Commission," *Minnesota Law Review*, April and May, 1927; "Judicial Review of Decisions of the Federal Trade Commission," *Wisconsin Law Review*, Oct. 1927; also various other contributions to newspapers and magazines. In preparation for publication: Judicial Review of Administrative Decisions of the U. S. Bureau of Immigration; of the U. S. Land Department; of the Post Office Department; Determining Factors as to the Finality of Administrative Decisions. Valedictorian, Red Wing Seminary Academy; Salutatorian, Red Wing Seminary College Department. **Member:** Pi Sigma Alpha; Phi Alpha Delta; American Bar Association; Iowa Bar Association; Des Moines Bar Association. Admitted to the Bar of Minnesota, North Dakota, and Iowa. **Biography** in *School Calendar*, 1924; *Who's Who in Des Moines*, 1929. **Born**, Pelican Rapids, Minn., June 1, 1894; parents came from Trondheim; grandson of Hon. Peter Guinn Taraldson, Educator, Commissioner, and Judge of Stenkjær and Stod, District of Trondheim.

**TOLLEFSON, EVERETT H.**, E.M., University of Minnesota, 1923. Instructor in Engineering, University of Minnesota, Minneapolis, Minn., 1923-24; Instructor in Drawing and Descriptive Geometry, same, 1924-25.

**TOLLEFSON, MAUDE A.**, Graduate, Teachers Course in College Music, University of South Dakota; Mus.B., American Conservatory, Chicago. **Instructor in Violin, Orchestra, Harmony, Theory, and History of Music, Huron College, Huron, S. Dak., 1910-13**; Instructor in Music, Illinois College of Music, Chicago, 1913-17; later member of the faculty of Munson Institute of Music, Brooklyn, N. Y. Concert violinist and singer. Director of Sunshine Orchestra, Sunshine Home for Blind Children, Brooklyn, N. Y., when this orchestra won the Silver Cup, Special Carnegie Hall Concert, Music Week Contests, Spring 1925. Studio Director and Program Director, Station WEVD, New York City, April 1928—. Listed in *The Musical Blue Book of America*, 1921-22. **Born** on farm near Elk Point, S. Dak.; maternal grandfather was born at Wale, east shore of Nord Sö, Holden parish, Nedre Telemarken, served in the Civil War, and settled at Elk Point, S. Dak., in 1869; maternal grandmother came from Gjerpen, near Skien; mother, Mrs. Alice A. Tollefson, was born near Delavan, Wis., in 1862, brought to Dakota Territory as a child, began teaching rural schools at the age of 15, was candidate for County Supt. of Schools five times, defeated once by 4 votes, elected but counted out through error once, elected and served three terms, 1909-11, and 1915-19, served as teacher or county supt., 1878-83 and 1905-25, was the first woman in Union County, S. Dak., to hold a county office, and is a charter member of the South Dakota Education Association.

**TONNING, OLE**, B.A., Luther College, 1904; M.A., University of Michigan, 1907. **Assistant Professor of History, University of Montana, Missoula, Mont., 1926-28**. Teacher, Fenton (Mich.) High School, 1907-08; Professor of History and German, Concordia College, Moorhead, Minn., 1908-17; Teacher, Fargo (N. Dak.) Business College; Professor of History and

Sociology, Macalester College, 1928—. **Author:** *Early Trade on the North Atlantic. Biography in School Calendar*, 1924. **Born** at Nerstrand, near Stavanger; brother, P. C. Tonning, has been Deputy State Commissioner of Education, St. Paul, Minn., for many years.

**TOOHEY, JUNIE P.**, see Junie P. Toohey Holdridge.

**TOOHEY, MARIE E.**, see Marie E. Toohey Snyder.

**TOREN, RAGNA PEDERSON** (Mrs. E. Clifford Toren), B.A., University of North Dakota, 1924. **Instructor in Physical Education, University of North Dakota, Grand Forks, N. Dak., 1926-29**. Teacher, Public Schools, Gackle, N. Dak., 1918-19; Teacher, New Rockford, N. Dak., 1920-22; Student Assistant, Dept. of Physical Education, University of North Dakota, 1922-24; Instructor in Physical Education, Northern State Normal School, Marquette, Mich., 1924-25; Part-time Instructor in Physical Education, University of North Dakota, 2nd Semester, 1925-26. Member, Sigma Kappa. **Born** in Grand Forks, N. Dak., Nov. 26, 1899; father, Hans Pederson, painter in Grand Forks since 1896, came from Pershus, Lynner, Hadeland, in 1888; mother, from Österdalen.

**TORGERSON, THEODORE L.**, Ph.B., University of Wisconsin, 1917; Ph.M. (cum laude), University of Wisconsin, 1925. **Lecturer in Education, University of Wisconsin, Madison, Wis., 1926 to date**. Teacher in Rural School, Wis., 1907-08; Teacher, High School, Lodi, Wis., 1910-11; Supervising Principal of Schools, Walnut Grove, Minn., 1912-16; Supt. of Schools, Blooming Prairie, Minn., 1917-19; Supt. of Schools, Frazee, Minn., 1919-20; Director of Research, West Allis, Wis., 1920-24; Assistant Director, Survey, Public Schools, Racine, Wis., 1925; Instructor in Education, University of Chicago, 1925-26; Lecturer in Education, University of Oregon,



Summer Session 1926; Lecturer in Education, University of Wisconsin, Summer Sessions 1927, 1928, 1929. **Author:** "The Efficiency Quotient as a Measure of Achievement," *Journal of Education Research*, June 1922; "Variability in Accomplishment of Pupils of Same Mental Level," *ibid.*, Feb. 1925; "Classification of Pupils by Mental Ages and Intelligence Quotients," *ibid.*, March 1926; "Measurement and the Classroom Teacher," *Wisconsin Journal of Education*, April 1927; Professional Tests for Elementary Teachers; Diagnostic Teacher Rating Scale. **Member:** American Educational Research Association; Phi Delta Kappa. **Born** at Ontario, Wis., March 29, 1887; parents came from Christiansand S.

**TORGERSON, WILLIAM R.**, M.D. Associate Professor of Tropical Medicine, School of Tropical Medicine, Columbia University, New York City, 1929—. On staff of Presbyterian Hospital, Santurce, Porto Rico.

**TORJUSSEN, REIDAR, A.B.**, Stanford University, 1927. Instructor in Speech, University of Arizona, Tucson, Ariz., 1927-29. Formerly teacher in Public Schools, 4 years. **Born** in Philadelphia, Pa., Nov. 7, 1903; father came from Tvedestrand; mother, from Risör.

**TORRISON, GEORGE ABRAHAM, A.B.**, Luther College, 1885; M.D., College of Physicians and Surgeons, Columbia University, New York, 1889; Graduate Student, University of Vienna, 1889-90, 1893-94. Assistant Clinical Professor of Laryngology and Otology, Rush Medical College, University of Chicago, Chicago, Ill., 1907 to date. Assistant in Laryngology and Otology, Rush Medical College, 1899-1900; Associate in Laryngology and Otology, same, 1900-02; Instructor, same, 1902-07; Physician, Chicago; Attending Laryngologist, Luther Memorial Hospital and Lutheran Deaconess Hospital; Assistant Attending Laryngologist, Presbyterian Hospital;

formerly Attending Laryngologist, Chicago Municipal Tuberculosis Sanitarium, and Edward Sanitarium, Naperville, Ill. Served on Medical Advisory Board, District No. 3A, Chicago, World War. **Author** of various papers read before medical societies. **Member:** Chicago Laryngological and Otological Society; Chicago Medical Society; Illinois State Medical Society; American Medical Association; President, Physicians' Fellowship Club, Chicago; Fellow, American College of Surgeons. Represented University of Chicago at Centennial Jubilee, University of Oslo, 1911. **Biography** in *Who's Who in Chicago*, since 1911 ed.; *School Calendar*, 1924; *Who's Who in American Medicine*, 1925. **Born** at Manitowoc, Wis., 1865; father, the late Osuld Torrison, prominent merchant at Manitowoc, was born at Heirefos, near Grimstad (see Nelson's *History of the Scandinavians and Successful Scandinavians*, Vol. 2, Minneapolis, 1897); mother, Martha P. (Findal) T., born at Bamble, near Brevik; brothers; the late Hon. Thomas E. Torrison, for many years Mayor of Manitowoc, Wis., and President of the O. Torrison Company; Rev. I. B. Torrison (d. 1929), Professor at Luther College, 1902-14, and Pastor at Decorah, Iowa, 1901-29; Hon. O. M. Torrison, Judge of the Municipal Court, Chicago, 1906-14, and Judge of the Circuit Court, Chicago, 1915-27 (see *Who's Who in Jurisprudence*, 1925; *Who's Who in America*, 1928-29).

**TORSON, LUCY E.**, A.B., Fargo College; A.M., Teachers College, Columbia University. Professor and Head of the Department of Home Economics, Arkansas State Teachers College, Conway, Ark., now and for a number of years. **Born** in the United States; paternal grandfather, Brynjulf Thorson, came from Aas, Törrisdal, Telemarken, in 1844 (Ulvestad); father, Judge Thomas Torson, served as County Superintendent of Schools, Clay County (Moorhead), Minn., about 12 years prior to 1900; uncle, Hon. L. N. Torson, has been a practising at-

torney at Rugby, N. Dak., since 1896, and served as State's Attorney of Pierce County three terms.

**TOSDAL, HARRY RUDOLPH**, B.S., St. Olaf College, 1909; Graduate Work, Universities of Leipzig and Berlin; Ph.D., Harvard University, 1915. Professor of Marketing, Graduate School of Business Administration, Harvard University, Cambridge, Mass., 1922 to date. Instructor in Economics, Massachusetts Institute of Technology, 1915-16; Assistant Professor of Economics, Boston University, 1917-18; Associate Professor of Economics, same, 1918-19; Professor and Head of the Department of Economics, same, 1919-20; Assistant Professor of Marketing and Director of Student Research, Harvard University Graduate School of Business Administration, 1920-22. Author: *The Kartell Movement in the German Iron and Potash Industries* (thesis for Ph.D.), copy in Harvard University Library, published in part in *Quarterly Journal of Economics*, Nov. 1913, pp. 140-190, reprinted in *Trusts, Pools and Corporations*, Rev. Ed. by W. J. Ripley, 1916, pp. 790-836; *Problems in Sales Management*, A. W. Shaw Company, 1921, Rev. Ed., 1925; *New England Exporter*, Boston Chamber of Commerce; *Problems in Export Sales Management*, A. W. Shaw Company, 1922; *Principles of Personal Selling*, A. W. Shaw Company, 1925; *Reading Guide to Business*, A. W. Shaw Company, 1926; *Principles of Personal Salesmanship*, A. W. Shaw Company, 1927; *The Manuals of Business Management: III Sales Organization and Operation*, A. W. Shaw Company, 1927; *IV Market Planning*, A. W. Shaw Company, 1927; "Price Maintenance in the Book Trade," *Quarterly Journal of Economics*, Nov. 1915, reprinted in *Publishers Weekly*, Feb. 1916; "The Tobacco Industry," *Quarterly Journal of Economics*, Feb. 1917, pp. 259-306; "Open Price Associations," *American Economic Review*, June 1917, pp. 331-352; "Price Maintenance," *ibid.*, June 1918; "Foreign Trade Organization in Europe Since the War," *Annals of*

*American Academy of Political and Social Science*, March 1921; "The Field Organization of the Sales Department," *Harvard Business Review*, April 1923, pp. 314-321; "Operating Problems of Branch Sales Organizations," *ibid.*, Oct. 1923, pp. 74-83; "Less Business—More Profit," *Magazine of Business*, Nov. 1928; also articles in trade journals. Faculty Editor, *Harvard Business Review*, 1922 to date. Member: American Economic Association; American Academy of Political and Social Science; American Management Association; Taylor Society; Delta Mu Delta; Beta Gamma Sigma; Delta Gamma Mu; Fellow, American Geographical Society. Biography in *Who's Who in America*. Born at Estherville, Iowa, Aug. 8, 1889; father, Henry H. Tosdal, came from Os, near Bergen; mother born in Iowa of Norwegian parentage.

**TOSTENSON, FREDERICK OSCAR**, B.S., Haverford College, 1911; M.A., *ibid.*, 1917; Add. Graduate Work, University of Grenoble, Summers, 1910, 1913; University of Berlin, 1913-14; University of Heidelberg, 1914; University of Wisconsin, Summer Sessions 1916, 1917; University of California, 1919-20; Stanford University, Summers 1924, 1925; University of Paris, 1928-29. Assistant Professor of Modern Languages, Penn College, Oskaloosa, Iowa, 1912-16; Teacher, Westtown School, Westtown, Pa., 1916-18; Reconstruction Work, France, 1918-19; Assistant in French, University of California, 1919-20; Teacher, High School, St. Helena, Calif., 1920-23; Assistant Professor of Modern Languages, Fresno State College, Fresno, Calif., 1923 to date. Member, Pi Delta Phi (French honor society, University of California). Born at Le Grand, Iowa, 1888; father came from vicinity of Stavanger; mother from Stavanger; sister, Mrs. T. Helen Fawcett, was formerly a teacher in secondary schools, including Penn Academy, Oskaloosa, Iowa, about 10 years.



**TOVERUD, KIRSTEN UTHEIM** (Mrs. Guttorm Toverud), Graduate, University of Oslo, 1916; Advanced Degree of Doctor of Medicine, *ibid.*, 1923. **Instructor** in Pediatrics, Washington University, St. Louis, Mo., 1920-23. Teacher, Norwegian Academy for Nurses; Physician, State Hospital of Norway, Oslo, 1923-26. **Author:** Book on Metabolism Studies during Pregnancy (in preparation); "Advanced Chronic Nutritional Disturbances in Infancy," *Journal of Metabolic Research*, Vol. 1, No. 6, 1922; "Agglutination of Influenzabacilli," *Journal of Infectious Diseases*, 1924; "A Frequent Cause of Dyspepsia in Infants," *American Journal of Diseases of Children*, Vol. 30, p. 642, 1925, and *Norsk Magazin for Lægevidenskaben*, 1925, p. 1217; "Chronic Abdominal Pain in Children," *British Journal of Children's Diseases*, Vol. 23, 1926, and *Norsk Magazin for Lægevidenskaben*, No. 2, 1926, p. 111; "Insulin Treatment of Diabetes Mellitus in Children," *British Journal of Children's Diseases*, Vol. 24, p. 185, 1927, and *Norsk Magazin for Lægevidenskaben*, 1927, p. 957; "Social Work for Children at American Hospitals," *Norsk Magazin for Lægevidenskaben*, 1919, No. 7; "Concentration of Blood, Loss of Weight, and Fever in Newborn Infants," *ibid.*, 1921, No. 2; "American Pediatrics: A Survey," *ibid.*, 1922, No. 12, p. 1056; 1923, No. 2, p. 169; and 1923, No. 5, p. 502; "Etiological Factors in Development of Acute and Chronic Dyspepsia in Infancy," *ibid.*, 1926, No. 8, p. 691; "Studies on Pertussis," *Tidsskrift for den norske Lægeforening*, 1918, No. 15; "What Can We Do to Safeguard the Health of the Child?" *Folkehelsen*, 1927, No. 1, p. 7; also various other scientific papers. **Member:** Norwegian Medical Association; Norwegian Pediatrics Society. **Born** at Veblungsnes, Romsdalen, 1890; husband, Dr. Phil. Guttorm Toverud, is Docent at the State Dental Institute, Oslo.

**TOWLEY, GABRIEL H.**, M. Accts., Gustavus Adolphus College, 1900; M. Com., *ibid.*, 1907. **Professor of Law and Commerce**

and Principal of the School of Commerce, Gustavus Adolphus College, St. Peter, Minn., 1899-1911. Principal of Commercial Department, Abington Normal College, Abington, Ill., 1890-91; same, Luther Academy, Albert Lea, Minn., 1892-98; Instructor, Gustavus Adolphus College, 1898; also Treasurer of the college, 1900-11. Lately representative of the Minnesota State Banking Department, and other institutions, in the State of Montana. **Born** at Hubbard, Iowa, May 10, 1868; father came from Manger, near Bergen, in 1859; on mother's side related to Dr. H. G. Stub, President of or Professor at Luther Seminary, 1878-1917; brother, Olaf J. Towley, teacher at Waldorf College, 1905-07.

**TRANE, SUSAN M.**, Graduate, Normal Department, Art Institute, Chicago, 1907; Student, Columbia University and University of Chicago; B.A.E., Art Institute, Chicago, 1926; Ph.B. in F.A., University of Chicago, 1929; M.A., *ibid.* **Professor and Head of the Department of Art, Indiana State Teachers College, Muncie, Ind., 1922 to date.** Director of Art, Anne Wright Seminary, Tacoma, Wash., 1909-14; Assistant Instructor in Art, State Normal School, La Crosse, Wis., 1916; Director of Art, State Normal School, Natchitoches, La., 1916-18; Supervisor of Art, Public Schools, Crawfordsville, Ind., 1919-20; Supervisor of Art, Columbus, Ind., 1920-22. Introduced course in Public School Art, Ball Teachers College, 1922. **Author** of various articles in *Every Day Art*, and *Indiana Art Bulletin*. Secretary and Treasurer, 1926-27, Vice-President, 1927-28, Allied Arts Section, Indiana State Teachers Association. **Born** at La Crosse, Wis., Nov. 20, 1881; father came from Tromsø; distant relative of Marcus M. Thrane (see *Aschehougs Konversationsleksikon*, Oslo, 1925); sister, Stella Trane Jackson, was formerly Supervisor of Music at La Crosse, Wis., is now on the faculty of Gunn Conservatory of Music, Chicago, translator of *The Singing Voice* by Maestro V.

Vannini of Florence, Italy, her former teacher.

**TRETSVEN, JOHN OSCAR**, B.S., Montana State College, 1922. Associate Professor of Animal Husbandry, Montana State College, Bozeman, Mont., 1925 to date. Assistant in Animal Husbandry, Montana State College, 1913-17; Instructor, same, 1917-22; also Dairy Specialist, Agricultural Experiment Station, same, 1925 to date. **Author:** *The College Dairy Herd*, Montana Bulletin 145; *Raising Dairy Cattle*, Montana Circular 104; *Feeding and Management of Dairy Cows in Montana*, Montana Circular 106; *Dairy Barns for Montana Farms*, Montana Circular 130; *Production, Care, and Marketing of Cream in Montana*, Montana Extension Circular 73; *Milk Producers' Feed Guide*, Montana Extension Circular 87; also various other publications. **Member:** American Dairy Science Association; Alpha Zeta (agr. hon. soc.). **Born** in the United States; parents came from Biri, Gudbrandsdalen.

**TRONITZ, PHILIP JONAS**, Graduate, Royal Conservatory, Oslo; Pupil of Erika Lie Nissen, Martin Knutzen, Gustav Lange, Otto Winter-Hjelm, and Backer-Gröndahl, Oslo; James Kwast, Stern Conservatory, Berlin. Professor and Head of the Piano Department, North Texas Female College (since 1919, the Kidd-Key College and Conservatory), Sherman, Tex., 1906-15. "Kidd-Key College has for forty years been the leading institution for culture and refinement in the Southwest." Director of Conservatory organized by himself, Dallas, Tex., 1915-19; Private Studio and concertizing in Norway, 1919-23; Private Teacher and Concert Pianist, Los Angeles, Calif., 1923 to date; also Head of the Piano Department, Hollywood Conservatory, 1925; Pacific Palisades Music School, 1925. Teacher of Jackie Coogan, renowned screen star. Toured Norway 3 times; extensive concert tours in the United States, including performances in New York, Brooklyn, Chicago, and

Denver. Distinguished exponent of Norwegian music. Winner of First Prize, Royal Conservatory, Oslo; presented with Silver Loving Cup by former pupils, Dallas, Tex., New Year's Eve, 1916; Tronitz Club, Dallas, Tex., named in his honor. **Biography** in *A Modern Dictionary of Music and Musicians*, London and New York, 1924; *Das Neue Musik-Lexikon*, Berlin, 1926; *Abert's Illustriertes Musik-Lexikon*, Stuttgart, 1927. **Born** in Oslo, Aug. 1, 1879; father born in Oslo; mother in Bergen; paternal grandfather was the builder of the Latin School and a church in Bergen.

**TRYGSTAD, CHRISTIAN A.**, B.A., St. Olaf College, 1905; M.A., University of Minnesota, 1909. Instructor, South Dakota State College of Agriculture and Mechanic Arts, Brookings, S. Dak., 1905-06; Instructor in Modern Languages and History, South Dakota State School of Mines, Rapid City, S. Dak., 1907-13; Teacher of Latin, Spanish, German, English, and History, Johnson High School, St. Paul, Minn., 1913-18; in business, St. Paul, 1918 to date. **Born** in Moody County, S. Dak., 1883; father came from Verdalen, near Trondheim; mother, from Christiansand S.

**TRYTTEN, MERRIAM HARTWICK**, B.A., Luther College, 1916; Student, University of Pointiers, France, 1919; M.S., State University of Iowa, 1924; Ph.D., University of Pittsburgh, 1928. Assistant Professor of Physics, University of Pittsburgh, Pittsburgh, Pa., 1928—. Supt. of Schools, Starkweather, N. Dak., 1916-17; Teacher, Luther College, 1917-18; Head of the Department of Physics, Luther College, 1918-24; Instructor in Physics, University of Pittsburgh, 1924-28. **Author** of various articles in scientific journals; chapter in *Luther College Through Sixty Years*. **Member**, American Physical Society. **Biography** in *School Calendar*, 1924; *American Men of Science*, 1927. **Born** at Albert Lea, Minn., Jan. 17, 1894; ancestors came from Sogn.



**TUVE, GEORGE LEWIS, B.S.** in M.E., University of Minnesota, 1920; M.E., University of Minnesota, 1921. Professor of Mechanical Engineering and Head of the Department, Texas Technological College, Lubbock, Tex., 1929—. Experimental Engineer, Mahr Manufacturing Company, Minneapolis, 1920-21; Instructor, later Assistant Professor of Mechanical Engineering, University of Minnesota, 1921-26; Assistant Professor of Mechanical Engineering, University of Montana (on leave of absence from the University of Minnesota), 1924-25; also Test Engineer, Public Service Company of Northern Illinois, Chicago, Summers 1924-27; Associate Professor of Mechanical Engineering and Head of the Department, Texas Technological College, 1926-29. **Author:** *Mechanical Engineering Laboratory Practice* (with Charles F. Shoop), McGraw-Hill Book Co., New York, 1930. **Member:** Society for the Promotion of Engineering Education; Associate member: American Society of Mechanical Engineers; Tau Beta Pi (honorary engineering fraternity). **Born** at Canton, S. Dak., May 16, 1896; paternal grandfather, G. O. Tuve, came from Vestre Slidre, Valdres, in 1854, and was one of the first settlers at Rushford, Minn.; maternal grandmother, from Lillehammer; other two grandparents, from Hedemarken and Setesdalen, respectively; father, the late Prof. Anthony G. Tuve, was President of Augustana College, Canton, S. Dak., 1890-1916 (see *Who's Who in America*, 1918-19 ed.); brother of Dr. M. A. Tuve (q.v.), and of Rosemond Tuve (q.v.).

**TUVE, MERLE ANTONY, B.S.** in E.E., University of Minnesota, 1922; A.M., University of Minnesota, 1923; Ph.D., Johns Hopkins University, 1926. **Instructor in Physics, Princeton University, Princeton, N. J., 1923-24; Instructor in Physics, Johns Hopkins University, 1924-26; Physicist, Department of Terrestrial Magnetism, Carnegie Institution of Washington, Washington, D. C., 1926 to date. Author of**

various scientific papers published in technical journals and read before scientific bodies. With Dr. G. Breit, was the first to prove the existence of a "ceiling" or layer in the upper air, which turns radio waves back to earth instead of their passing on into space and thus rendering long-distance transmission impossible. "By ingenious devices the investigators succeeded in recording photographically these pulses and in measuring the difference in time of arrival. This enabled them to compute the effective height of the 'ceiling.' \* \* \* Dr. Breit and Dr. Tuve are said by the Carnegie Institution to be the first to have conclusively proved its existence by experimentation." *New York Times*, Feb. 13, 1927, p. 14 (see also *Encyclopedia Britannica*, 1929 ed., Vol. 23, p. 666). With Dr. L. R. Hafstad and O. Dahl, also physicists of the department of terrestrial magnetism, Carnegie Institution of Washington, was awarded the \$1,000.00 award of the American Association for the Advancement of Science for the outstanding paper read at its convention in Cleveland, Ohio, Jan. 1931. This paper, entitled "Experiments with High Voltage Tubes," told of new methods of combating cancer, consisting in the development of a 2,000,000-volt X-ray tube producing and developing rays which speed along at the rate of more than 184,000 miles per second (the velocity of light being 186,000 miles per second), and have a ray-force equivalent to that of \$182,000,000 worth of radium. By directing from this tube "the third radium ray, the alpha ray, the physicists may be able to shatter atoms. That step, scientists expect, will lead to the releasing of the vast energy locked up in the atom and possibly to the transmutation of elements." (See *New York Times*, Jan. 1 and 4, 1931.) **Born** in the United States; brother of Prof. George L. Tuve (q.v.), and of Rosemond Tuve (q.v.).

**TUVE, ROSEMOND, B.A.,** University of Minnesota, 1924; M.A., Bryn Mawr College, 1925; Additional Graduate Work, 1928-

**29. Instructor in English, Goucher College, Baltimore, Md., 1926 to date.** Scholar and Fellow in English, Bryn Mawr College, 1925-26. Awarded the M. Carey Thomas European Fellowship for 1925 by Bryn Mawr College. Born in the United States; sister of Prof. G. L. Tuve (q.v.), and of Dr. M. A. Tuve (q.v.).

**TWETTEN, JENNIE OLENA,** see Jennie Olena Twetten Hammer.

**TWITCHELL, KATE MORK** (Mrs. Twitchell), Pupil of Robert Teichmuller, Head of Royal Conservatory, Leipzig. **Instructor in Music, University of Minnesota, Minneapolis, Minn., 1927 to date.** Private Studio. Concert Pianist. Listed in *The Musical Blue Book of America*, 1915-16; *Souvenir Norse-American Women, 1825-1925*, Minneapolis, 1925. Born in the United States; cousin of Thonny Genevieve Felland (q.v.).

**UELAND, CORA L.,** Music degree, Oregon State Agricultural College, 1915; G.D.H., University of Minnesota, 1927. **Instructor in Oral Hygiene, University of Minnesota, Minneapolis, Minn., 1923-27;** Instructor in Oral Hygiene and Supervisor of the School for Dental Hygienists, University of Minnesota, 1927-28; Supervisor of the Division of Dental Hygiene, College of Dentistry, University of Southern California, 1928-29. **Member:** American Dental Hygienists' Association; Vice-President, same, 1927-28; President-Elect, same, 1928-29; President, 1929-30. **Born** at Edgeley, N. Dak.; paternal grandparents came from Ueland, Heskestad, Stavanger Amt; father, Hon. L. A. Ueland, Member of the Legislature of North Dakota 3 terms, was born at Viroqua, Vernon County, Wis.; mother, Johanna (Hedlund) U., came from Hedlund, Helleland, Stavanger Amt; brother, Hon. Andrew Ueland, has been a member of the Legislature of Montana since 1929; sister of Emma M. Ueland (q.v.), and of Mrs. Edith Ueland Knollin (q.v.).

**UELAND, ELSA, B.A.,** University of Minnesota, 1909; Graduate Student, New York School of Philanthropy, 1909-10; M.A., Columbia University, 1911. **President of Carson College, Flouertown, near Philadelphia, Pa., 1917 to date.** Resident worker, Richmond Hill Settlement, New York City, 1909-11; Investigator for the Vocational Guidance Association, 1911-12; Investigator for the Vocational Education Association, 1912-14; Teacher, Public Schools, Gary, Ind., 1914-16; Secretary to William Wirt, Supt. of Schools, Gary, Ind., 1916; Organizer of Carson College, 1917. **Author:** "The New Pied Pipers," "The Survey," "Celery Child or Strawberry Child," etc. **Member:** National Education Association; National Society of Vocational Education; Progressive Education Association; Bureau of Educational Experiment; National Conference of Social Work; American Association of Social Workers; American Child Health Council; Federation for Child Study; Fairhope Education Foundation; Geographical Society of Philadelphia; Pennsylvania Horticultural Society; Phi Beta Kappa; Alpha Phi. **Biography in Private Schools; Who's Who in America; Who's Who in the East**, 1930. **Born** in Minneapolis, Minn., 1888; father, Hon. Andreas Ueland, well-known attorney of Minneapolis, and sometime Probate Judge, Hennepin County, was born at Heskestad, Dalene, near Stavanger (see *Who's Who in Jurisprudence*, 1925; *Who's Who in America; Recollections of an Immigrant*, Minton, Balch & Co., New York, 1929); sister, Mrs. Kenneth Taylor, is a writer; granddaughter of Hon. Ole Gabriel Ueland, Member of the Norwegian Storthing and Leader of the Liberal Party, 1833-1870.

**UELAND, EMMA MATILDA,** B.S., Columbia University, 1917; M.A., Columbia University, 1927. **Instructor in Clothing and Related Arts, William Smith College, Geneva, N. Y., 1927 to date.** Teacher of Home Economics, Tillamook (Ore.) High School, 1913-16; Instructor in Clothing, State Normal



School, Stevens Point, Wis., 1917-19; Teacher of Home Economics, High School, Roseburg, Ore., 1919-22; Teacher of Home Economics, High School, Juneau, Alaska, 1922-25; Teacher of Home Economics, High School, Roseburg, Ore., 1925-26. **Born** at Edgeley, N. Dak.; sister, Alice Ueland, was a Teacher of Mathematics in Roseburg (Ore.) High School for several years; sister of Cora L. Ueland (q.v.), and Edith Ueland Knollin (q.v.).

**UHE, ARTHUR EMIL**, Pupil of his father, August Y. Uhe; Student, Chicago Musical College; Graduate (first prize with grand distinction), Royal Conservatory, Brussels, Belgium, 1911; Pupil of Cesar Thomsen, Royal Conservatory, Brussels. **Professor of Violin and Head of the Violin Department, Bethany College, Lindsborg, Kans., 1914 to date.** Assistant to Cesar Thomsen, Royal Conservatory, Brussels, Belgium; First Violinist, Royal Opera, Brussels; Covent Garden, London; National Opera, Paris; and the Scala, Milan; toured Europe 3 times, including Belgium, England, Norway and Switzerland; has toured the United States several times; Conductor of Bethany Symphony Orchestra, Lindsborg, Kans., 1914 to date; Recording Artist, Victor Talking Machine Co., 1915 to date. **Author** of chapter on "Applied Psychology in Teaching" in book *String Mastery*, published by Stokes & Son, New York. Composer of more than 100 pieces for violin, string quartettes, piano, and orchestra, published for the most part by Breitkopf & Härtel, Leipzig and New York, "now the most extensive music publishers in the world." His "Andante Pathétique," and "Scotch Paragraph" for violin and piano have passed thru many editions; a violin concerto in D Minor was published in 1928. **Biography** in *Grove's Dictionary of Music and Musicians*, Vol. 6, New York, 1920; *Pratt's Dictionary of Music and Musicians*; *Key's Music Yearbook*, 1926; *Bachman's History of Violin and Violinists*; *International Who's Who in Music*, New York, 1918; *Who's Who in Music in Amer-*

*ica; Musical Blue Book of America*, 1915-22 eds.; *New Encyclopedia of Music and Musicians*, New York, 1924; also in the series of biographies of famous musicians published by Breitkopf and Härtel. **Born** in Chicago, Ill., Dec. 24, 1893; father, prominent organist (took Doctor of Music degree in Leipzig), was born in Bergen; mother (nee Engelbretsen) born at Kongsvinger; brother, Louise Uhe, is Supt. of Schools at Winnetka, Ill.; cousin of Ester Andersen Steen (q.v.).

**ULVESTAD, REUBEN A.**, D.D.S., University of Minnesota, 1919. **Instructor in Prosthetic Dentistry, University of Minnesota, Minneapolis, Minn., 1924 to date.** Assistant in Oral Surgery, University of Minnesota, 1919-20; Instructor in Oral Surgery, same, 1920-24. **Born** in Minnesota; paternal grandfather, O. Ulvestad, pioneer farmer at Lanesboro, Minn., came from Fjärland, Sogn, in 1851; father, Hon. Lasse Ulvestad, was a Member of the Legislature of Minnesota about 1880; brother, the late Rev. A. O. Ulvestad, was President of Spokane (Wash.) College, 1914-17.

**UNSTAD, LYDER L.**, B.A., Concordia College, Moorhead, Minn., 1921; M.A., University of Minnesota, 1927; Work toward Ph.D., University of Minnesota. **Assistant Professor in charge of the Department of Economics and Sociology, Capital University, Columbus, Ohio, 1929—.** Teacher of Mathematics, Drawing, and Manual Training, High School, Beresford, S. Dak., 1921-22; Teacher of Mathematics and Manual Training, Southern State Teachers College, Springfield, S. Dak., Summer, 1922; Scholar in History, University of Minnesota, 1924; Assistant in the History Seminar, University of Minnesota Library, 1924-25 and 1926-28; in charge of the Departments of History and Economics, Lutheran College, Seguin, Tex., 1928-29. **Author:** "The Movement toward Industrial Democracy in Norway," 200 pp., thesis for M.A. degree; "History of the Labor

Movement in Norway," thesis for Ph.D., in preparation; "Norge og Amerika," *Norden* (a magazine published in Chicago), Sept. 1929; "Julefisking i Lofoten," *ibid.*, Dec. 1929; "Historisk Materialisme," *ibid.*, Jan. 1930; "Norsk Indsats i Amerikas Kulturliv," *ibid.*, March 1930; "Science and Religion," *ibid.*, April 1930; also numerous other articles, stories, and poems contributed to college papers, *Minneapolis Tidende*, *Reform* (Eau Claire, Wis.), *Midnattsol* (Harstad, Norway), *Lofotposten* (Svolvær), *Arbeiderbladet* (Oslo), *Nordisk Tidende* (Brooklyn), *Lutheran Church Messenger* (Detroit, Mich.), *Columbus* (Ohio) *Dispatch*, and *Columbus Citizen*. Lectures on "Student Life in Norway," and "The Land of the Midnight Sun," delivered to groups of young people in Columbus and Athens, Ohio, six times during 1929-30. Awarded stipends from the Norwegian government and from a legacy in Borge, Lofoten, while attending the Vaage Folk High School; awarded \$600.00 fellowship by the Norwegian Lutheran Church of America, 1923. **Member:** American Historical Association; American Sociological Society; Norsk Historisk Forening; Nordmandsforbundet; charter-member, Norwegian-American Historical Association; Associate, American-Scandinavian Foundation. **Born** at Borge, Lofoten, 1895; raised as fisherman, served as laborer, book agent, farm hand in southern Norway, harvest hand in North Dakota, and as carpenter in the United States during 7 summers while attending school; youngest brother is a teacher at Borge, Lofoten; second cousin, Jens Eggvin, Cand. Real., was formerly a member of the Natural Science faculty of the University of Oslo, and is now Fellow at the Fishery Directorate, Bergen.

**URDAHL, THOMAS KLINGENBERG**, B.L., University of Wisconsin, 1891; M.L., *ibid.*, 1892; Add. Grad. Work, University of Pennsylvania, 1896-97; University of Berlin, 1898-99; Ph.D., University of Wisconsin, 1898. **Professor and**

**Chairman of the Department of Economics, University of Wisconsin, Madison, Wis., 1912-14.** Began teaching in 1893; Assistant in Economics, University of Wisconsin, 1899-1900; Professor of Political and Social Science, Colorado College, 1900-07; Professor of Economics, Washington and Lee University, 1907-10; Associate Professor of Economics, University of Wisconsin, 1910-11; Professor of Economics, same, 1911-18; also Examiner for the Federal Trade Commission (on leave of absence from the University of Wisconsin), 1914-17; Senior Examiner, Emergency Fleet Corporation, 1918; Professor of Economics, Swarthmore College, 1918-26; Professor of Economics, Floating University (on tour around the world), 1926-27; Professor of Political and Social Science, Franklin and Marshall College, 1927-29; Professor of Banking and Finance, University of Southern California, 1930—. **Author:** "The Fee System in the United States," *Transactions of Wisconsin Academy of Arts and Sciences*; "The Relation of the Colonial Fee-System to Political Liberty," *American Academy of Political and Social Science Publication No. 233*, pp. 59-68, Philadelphia, 1898; "Progress of Socialism since 1893" (series of 4 articles), *Chautauquan*, 1899-1900; also numerous other monographs and articles on economic subjects. During the World War, investigated and reported on the overtime wage rates and the overhead charges of the shipbuilding companies, which report resulted in the cancellation of excessive charges and the saving to the government of the United States of several million dollars. **Member:** American Economic Association; American Academy of Political and Social Science; Vereinigung für Vergleichende Rechtswissenschaften. **Biography** in *Who's Who in America*, since 1903-04 ed. **Born** near Madison, Wis., May 22, 1869; parents came from Sogn.

**USTRUD, HANS ANDREAS**, Graduate (Valedictorian), Lutheran Normal School, Sioux Falls,



S. Dak., 1895. State Superintendent of Public Instruction, South Dakota, 1906-10. Teacher, Public Schools, Rockdale, Wis., 1895-97; Teacher, Martin Luther Orphans Home, 1897-98; Teacher, Public Schools, Baltic, S. Dak., 1898-1902; County Supt. of Schools, Minnehaha County, S. Dak., 1902-06; in business, Sioux Falls, S. Dak., 1911-15; Secretary, State Railway Commission, Pierre, S. Dak., 1915-19; Supt. of Schools, Baltic, S. Dak., 1919-21; Assistant State Superintendent of Public Instruction, South Dakota; served in the office of the Governor of South Dakota, and in the office of the State Securities Commission; Assistant Director of Taxation, Pierre, S. Dak., 1927 to date. **Author** of a History of the Nidaros Congregation, Baltic, S. Dak.; has prepared most of the copy for *History of the Norwegian Pioneers in Minnehaha County*, book now in the process of publication. Frequent contributor to the press. Was Executive Secretary for the Committee which raised a \$500,000 endowment for Augustana College, Sioux Falls, S. Dak., 1926. Local Vice-President, Norwegian-American Historical Association. State Chairman (S. Dak.), Norse-American Centennial, Minneapolis, 1925. **Biography** in Robinson's *History of South Dakota*, 1908; Smith and Kingsbury's *History of South Dakota*, 1915; *School Calendar*, 1924; *Visergutten*, Canton, S. Dak., March 28, 1929. **Born** near Baltic, S. Dak., Nov. 4, 1871; father, Halvor O. Ustrud, came from Gjerpen, near Skien; mother, Guro (Kaasa) Ustrud, also from vicinity of Skien.

**VAN DUSEN, SARA G. HEIMDAL** (Mrs. Van Dusen), B.S., University of Wisconsin, 1899; M.A., University of Wisconsin, 1914. Assistant Professor, Secretary of Correspondence Study, University of Minnesota, Minneapolis, Minn., 1920-21 or longer.

**VEBLEN, ANDREW ANDERSON**, A.B., Carleton College, 1877; A.M., *ibid.*, 1880; Graduate Student, Johns Hopkins University, 1881-83.

Professor of Physics, State University of Iowa, Iowa City, Iowa, 1889-1905. Professor of English and Mathematics, Luther College, 1877-81; Instructor, later Assistant Professor of Mathematics, State University of Iowa, 1883-86; Assistant Professor of Physics, same, 1886-89; also Head of the Department of Physics, and Secretary of the College of Liberal Arts, same, part of the time, 1889-1905. **Author**: *The Valdris Book* (a manual of the Valdris Samband), 1920; *The Veblen Genealogy: An Account of the Norwegian ancestry of the Veblen Family in America*, 1925; also numerous papers contributed to scientific journals or presented to learned bodies. **Translator**, Vogt's *Bible History*, 1878. **Editor**: *Valdris Helsing*, 1903-10; *Valdris Samband*, 1910-17; *Vang's Valdris-Rispo*, a reprint and restoration of Andris Vang's two books, *Gamla Reglo o Rispo ifraa Valdris*, published in 1850, and *Gamla Segner fraa Valdres*, published in 1871, both in the old Vangsökning dialect, with an introduction in English by the editor, published by Knute Norsving, printed by Augsburg Publishing House, Minneapolis, 1930. Lectures on "Finger Prints, their Classifications and Uses," "Ancient Shipbuilding in Northern Europe," "The Cathedrals of Trondhjem and Upsala," and "Valdris" delivered at various times. **Member**: American Association for the Advancement of Science; Society of Sigma Xi; Iowa Academy of Science; President, same, 1901; Charter Member, and formerly Secretary and President, Baconian Club, University of Iowa; Chief Organizer, Valdris Samband, 1901; President, same, 1901-20; Honorary President, same, 1920 to date; President, Council of Bygdelags, 1916-20. Decorated by the King of Norway with the Order of St. Olav, 1925. **Biography** in Nelson's *History of the Scandinavians and Successful Scandinavians*, Vol. II, Minneapolis, 1897; *American Men of Science*, 1906, 1910, 1921, 1927; *School Calendar*, 1924; *Who's Who in America*, since 1910-11 Ed.; *Who's Who Among North American Authors*, 1927-28, 1929-30. **Born** in

Ozaukee County, Wis., Sept. 24, 1848; parents came from Vang, Valdres, in 1847; uncle of Dr. Ingvald Veblen (q.v.); brother of Dr. Thorstein Veblen (q.v.); father of Dr. Oswald Veblen (q.v.), and of Gertrude Veblen (q.v.).

**VEBLEN, GERTRUDE**, Ph.B., State University of Iowa, 1905. Librarian, University of Minnesota Engineering Library, Minneapolis, Minn., 1915 to date. Assistant, Princeton University Library, 1909-10; Assistant, Armour Institute of Technology Library, Chicago, 1910-15. Born at Iowa City, Iowa; daughter of Prof. A. A. Veblen (q.v.); mother, Kirsti (Hougen) V., was born in Hallingdal; sister of Dr. Oswald Veblen (q.v.).

**VEBLEN, INGVALD S.**, D.D.S., University of Minnesota, 1919; Graduate Work, Berlin, Germany. Instructor in Periodontia, University of Minnesota, Minneapolis, Minn., 1920-25. Now practising dentist, New York City; Member of Faculty, School of Dental and Oral Surgery, Columbia University. Member: American Dental Society; Associate member, American Dental Society of Europe. Born at St. Ansgar, Iowa, June 18, 1895; grandparents came from Valdres and Oslo; nephew of Prof. A. A. Veblen (q.v.).

**VEBLEN, OSWALD**, A.B., State University of Iowa, 1898; A.B., Harvard University, 1900; Ph.D., University of Chicago, 1903; Hon. Sc.D., Oxford University, 1929; Hon. Ph.D., University of Oslo, 1929. Professor of Mathematics, Princeton University, Princeton, N. J., 1910 to date. Fellow in Physics, State University of Iowa, 1898-99; Fellow in Mathematics, University of Chicago, 1901-03; Associate in Mathematics, University of Chicago, 1903-05; Preceptor in Mathematics, Princeton University, 1905-10; Henry Burchard Fine Professor of Mathematics, since 1926; Deputy for the Savilian Professor of Geometry, Oxford University, England, 1928-29. Captain, later Major, Ordnance Department, U. S.

Army, 1917-19. Author: *Introduction to Infinitesimal Analysis; Functions of One Real Variable* (with N. J. Lennes), John Wiley & Sons, New York, 1907; *Projective Geometry*, Vol. I (with J. W. Young), Ginn & Co., Boston, 1910; Vol. II, 1918; *Analysis Situs*, American Mathematical Society, New York, 1922; *Invariants of Quadratic Differential Forms*, Cambridge University Press, 1927; "The Foundations of Geometry," in *Monographs on Topics of Modern Mathematics*, Longmans, Green & Co., New York, 1911; also various articles in mathematical journals. Member: American Mathematical Society (President, 1923-24); Mathematical Association of America; American Philosophical Society; National Academy of Sciences; Circolo Matematico di Palermo; Société mathématique de France; Fellow, American Physical Society; Fellow, American Association for the Advancement of Science; Fellow, American Academy of Arts and Sciences. Biography in *Who's Who in Science — International*, London, 1914; *American Men of Science*, 1906, 1910, 1921, 1927; *Who's Who in America*, since 1914-15 ed.; *Who's Who*, London. Born in Decorah, Iowa, June 24, 1880; son of Prof. A. A. Veblen (q.v.); nephew of Dr. Thorstein Veblen (q.v.).

**VEBLEN, THORSTEIN B.**, A.B., Carleton College, 1880; Graduate Work, Johns Hopkins University; Ph.D., Yale University, 1884. Associate Professor of Economics, Leland Stanford, Jr., University, Stanford University, Calif., 1906-09. Fellow in Economics and Finance, Cornell University, 1891-92; Fellow in Political Economy, University of Chicago, 1892-93; Reader in Political Economy, University of Chicago, 1893-94; Associate in Political Economy, same, 1894-96; Instructor in Political Economy, same, 1896-1900; Assistant Professor of Political Economy, same, 1900-06; Lecturer in Economics, University of Missouri, 1911-18; with the New School for Social Research, New York City, 1918-26; Resident of Palo Alto, Calif., 1926-29. Author:



*The Theory of the Leisure Class*, Macmillan Company, New York, 1899; *The Theory of Business Enterprise*, Scribners Sons, New York, 1904; *The Instinct of Workmanship and the State of the Industrial Arts*, Macmillan, 1914; *Imperial Germany and the Industrial Revolution*, Macmillan, 1915; *An Inquiry into the Nature of Peace and the Terms of its Perpetuation*, Macmillan, 1917; *The Higher Learning in America*, B. W. Huebsch, New York, 1918; *The Vested Interests and the State of the Industrial Arts*, Huebsch, 1919; *The Place of Science in Modern Civilization, and Other Essays*, Huebsch, 1919; *The Engineers and the Price System*, Huebsch, 1921; *Absentee Ownership and Business Enterprise in Recent Times: The Case of America*, Huebsch, 1923; also many articles and reviews. Translator: Gustav Cohn's *The Science of Finance*, University of Chicago Press, 1895; F. Laselle's *Science and the Workingman* (from German), International Library Co., New York, 1900; *Laxdala Saga* (from Old Norse), Huebsch, 1925. Managing Editor, *Journal of Political Economy*, 1896-1905. His works were reviewed by Gaston Bouthoul in "Les Théories économiques et sociales de M. Thorstein Veblen," *Revue Internationale de Sociologie*, Paris, Année 33, pp. 482-491; and by Paul H. Homan in *Contemporary Economic Thought*, Harpers, New York, 1928. "Veblen's contribution to economics consisted in replacing the hedonistic conception of human nature by the instinct-habit psychology. That shift allied economics to biology rather than to mechanics. It brought new problems to the fore and relegated old problems to the background. It suggested a close working agreement between economists and the other students of human behavior—historians, psychologists, anthropologists, political scientists, and sociologists. It was a service the full value of which has yet to be grasped. \* \* \* he remains the most interesting economist of his generation, and the one who is provoking most thought in others." Wesley C.

Mitchell (Professor of Economics, Columbia University), in *The New Republic*, Sept. 4, 1929. Biography in *Who's Who in America*, since 1901-02 ed.; *Who's Who and Why in After-War Education* (which devotes 3 pages to him); *Who's Who Among North American Authors*, 1927-28, 1929-30; *Encyclopedia Britannica*, 13th and 14th eds. Born in Wisconsin, 1857; brought up in Minnesota; died at Palo Alto, Calif., Aug. 3, 1929; brother of Prof. A. A. Veblen (q. v.).

**VENTH, CATHINKA FINCH MYHR**, Graduate, Falsen School for Girls, Oslo; Advanced Work at Moss, Norway; Special Student of Languages and Music; Pupil of Erika Lie Nissen, Herman Spielter, and Richard Epstein. Instructor in Pianoforte, Texas Woman's College, Fort Worth, Tex., 1915 to date. Sole exponent in Texas of the Epstein relaxation method. Has been associated with her husband, Carl Venth (see *Who's Who in America*), as teacher and accompanist since 1899; has traveled extensively, and has known and been associated with many of the most prominent men and women of the present day. Listed in *The Musical Blue Book of America*, 1915-22 eds. Born at Horten; father, Anders Christian Myhr, was proprietor of Horten Pharmacy; mother's family (Finch) were proprietors of Moss Pharmacy for three generations; brother, Andrew F. Myhr, is a well-known pharmacist and public-spirited citizen of Brooklyn, N. Y.; sister, Fru Alfild Sandby, is a prominent musician and writer, author of *The Woman and the Fiddler*, produced 1912, and *Hans Christian Andersen*, produced in London, 1927, and translated into French and German; direct descendant of Thomas Albertson Angell, philanthropist, founder of Angell's House and Legacy, Trondheim, 1767.

**VIGNESS, LAURITZ ANDREAS**, A.B., Dixon (Ill.) College, 1886; C.T., United Church Seminary, 1894; D.D., Capital University, 1927. Professor of Greek and Latin, Highland Park

**College, Des Moines, Iowa, 1890-94.** Professor of Greek and Latin, Augustana College, Canton, S. Dak. (now Sioux Falls, S. Dak.), 1886-90; Principal, Jewell (Iowa) Lutheran College, 1894-95; President, Pleasant View Luther College, Ottawa, Ill., 1895-1914; President, St. Olaf College, 1914-18; Executive Secretary, Board of Education of Norwegian Lutheran Church of America, 1918 to date; President, Midland Teachers Agency, 1920 to date. President, National Lutheran Educational Conference, 1919-20. **Author** of numerous articles in Lutheran church papers. **Editor**, *Lutheraneren* (Minneapolis, Minn.), 1925 to date. **Biography** in *School Calendar*, 1924; *Who's Who Among Pastors*, 1928; *Who's Who in America*. **Born** at Highland Prairie, Minn., Jan. 14, 1864; father came from Finnøy, near Stavanger, in 1856; mother (née Hallum), from vicinity of Hønefoss; brother of Carl L. Vigness, County Supt. of Schools, Burleigh County (Bismarck), N. Dak., 1905-17, Supt. of Schools, Mayville, N. Dak., since 1920, Principal of the Training School, State Teachers College, Mayville, N. Dak., and originator of twenty child welfare bills enacted into law by the Legislature of North Dakota in 1923.

**VOGNILD, SELMA**, see Selma Vognild Forbes.

**VOLD, GEORGE BRYAN**, B.S., South Dakota State College, 1921; A.M., University of Chicago, 1924; Ph.D., University of Minnesota. **Assistant Professor of Sociology**, Macalester College, St. Paul, Minn., 1924-27; Instructor in Sociology, University of Minnesota, 1927 to date; also Professor of Sociology, Simpson College, Summers 1926 and 1927; Assistant Professor of Sociology, University of Nebraska, Summer 1928. **Author**: *Success and Failure of Minnesota Men on Parole*, thesis for Ph.D. **Member**: American Sociological Society; Pi Gamma Mu (social science fraternity). **Born** at Platte, S. Dak., Oct. 5, 1896; parents came

from the vicinity of Stavanger; brother of Prof. L. Vold (q. v.).

**VOLD, LAURIZ, A.B.**, (cum laude), Harvard University, 1910; LL.B., *ibid.*, 1913; S.J.D., *ibid.*, 1914. **Professor of Law**, University of Nebraska, Lincoln, Neb., 1924 to date. Assistant in Economics, Harvard University, 1910-11; Instructor in Law, University of North Dakota, 1914-15; Assistant Professor of Law, University of North Dakota, 1915-20; Associate Professor of Law, same, 1920-21; Professor of Law, same, 1921-24; also Chairman of the Law School Faculty, 1922-23. **Author**: *Citations and References under the North Dakota Uniform Sales Act*, privately printed, 1918; "Some Reasons Why North Dakota Should Adopt the Uniform Sales Act," *Quarterly Journal of University of North Dakota*, 1916-17; "The Best Pre-Legal Studies," *ibid.*, 1918; "College Preparation and Success in Life," *ibid.*, 1920; "Legal Separation of Function in University Organization," *ibid.*, 1921; "Improving North Dakota Bar Admission Requirements," *ibid.*, 1922; "The First Twenty-five Years of the University of North Dakota School of Law," *ibid.*, 1924; Book Reviews of Dean Pound's *Introduction to the Philosophy of Law*, and *Interpretations of Legal History*, *ibid.*, 1924; "The Supreme Court, Congress, and the Constitution," *ibid.*, 1925; 6 articles published in *Normanden*, Grand Forks, N. D., 1917-18; "System of Study for Law Students under the Case Method of Instruction," *American Law School Review*, 1916; "Impersonal Law Examinations," *ibid.*, 1923; "Some Reasons why the Code States Should Adopt the Uniform Sales Act," *California Law Review*, 1917; "Law vs. Arts: The Number of Teaching Hours," *ibid.*, 1919; "Legal Preparation Tested by Success in Practice," *Harvard Law Review*, 1919; "Improving Bar Admission Requirements in the Northwest," *Minnesota Law Review*, 1923; "Genius, the New Start, and Bar Admission Requirements," *Tennessee Law Review*, 1924; "Ethics, Economics, and Lawyers' Fees," *Marquette*



*Law Review*, 1924; "Express Conditions in Contracts," *Nebraska Law Bulletin*, 1926; also various other articles pub. since May 1926. Associate editor (with Roger W. Cooley), *Cooley's Briefs on Insurance*, two Supplementary Volumes, 1919. Biography in *Who's Who in Jurisprudence*, 1925. Born in South Dakota; brother of Prof. George B. Vold (q.v.).

**VOLDENG, MATHÉW NELSON**, A.B., Luther College, 1883; M.D., College of Physicians and Surgeons, Chicago (now University of Illinois College of Medicine), 1887; Add. Study, Berlin, Paris, and London, 1895-96; LL.D., Buena Vista College, 1914. Professor of Pathology and Mental Diseases, Drake University, Des Moines, Iowa, 1897-98; Professor of Neurology and Psychiatry, same, 1899-1902. Assistant Physician, State Hospital, Independence, Iowa, 1888-95; Superintendent and Medical Director, State Hospital, Cherokee, Iowa, 1902-15; Superintendent and Medical Director, State Hospital and Colony for Epileptics, Woodward, Iowa, 1915 to date. Author of numerous papers on Mental and Nervous Diseases read before medical societies. Member: American Association of Alienists and Neurologists; American Medico-Psychological Association; American Academy of Medicine; American Medical Association; Iowa State Medical Society; Medical Society of the Missouri Valley; Cherokee County Medical Society; Dallas-Guthrie County Medical Society; The Civil Legion; President, Iowa State Medical Society, 1910-11; Chairman of Committee on Public Health and Education, same. Trustee and Member of Executive Committee, Buena Vista College. Biography in *Who's Who in American Medicine*, 1925; *Who's Who in America*, since 1914-15 ed. Born at Washington Prairie, near Decorah, Iowa, Jan. 21, 1863; parents came from Toten.

**WANGEN, MINNIE JULIA**, Graduate, State Normal School, Cheney, Wash., 1912; B.A., State College of Washington, 1919; Student, Spain and France, 1925-26; M.A., State College of Washington, 1928. Professor of French and Spanish and Head of the Department of Modern Languages, Linfield College, McMinnville, Ore., 1920-21; Professor of French and Spanish and Head of the Department of Modern Languages, University of Idaho, Southern Branch, 1921-22; Instructor in French and Spanish, North Dakota Agricultural College, 1922-23; Instructor in French, Oregon State Agricultural College, 1923-25. Member, Sigma Kappa Phi (national modern language fraternity). Born at Eau Claire, Wis., Nov. 2, 1888; parents came from Gudbrandsdalen.

**WANGENSTEEN, OWEN H.**, B.A., University of Minnesota, 1919; B.S., *ibid.*, 1920; M.B., *ibid.*, 1921; M.D., *ibid.*, 1922; Ph.D. (in Surgery), *ibid.*, 1925; Study in Europe 1927-28. Director of the Department of Surgery, University of Minnesota Medical School, Minneapolis, Minn., Jan. 1, 1930—. Teaching Fellow in Medicine, University of Minnesota, 1923-24; Fellow in Surgery, Mayo Clinic, University of Minnesota, Rochester, Minn., 1924-25; Teaching Fellow in Surgery, University of Minnesota, Minneapolis, 1925-26; Instructor in Surgery, same, 1926-27; Assistant Professor of Surgery, same, 1927-29; absent on leave, Assistant in the Surgical Clinic of Prof. F. de Quervain, Berne, Switzerland, Student in the Physiological Laboratory of Prof. Leon Asher, Berne, and Student of methods in other clinics, principally Berlin, Vienna, Freiburg, and London, 1927-28; Associate Professor of Surgery, University of Minnesota Medical School, 1929—; also Surgeon-in-Chief, University Hospital, Minneapolis, Jan. 1, 1930—. Author: "On the Significance of the Escape of Sterile Bile into the Peritoneal Cavity," *Annals of Surgery*, Nov. 1926; "Should the Gall-Bladder be Removed without Drainage?";

*ibid.*, Dec. 1926; "Cholangitis following Cholecystenterostomy," *ibid.*, Jan. 1928; "The Haemorrhagic Diathesis of Obstructive Jaundice and its Treatment," *ibid.*, Nov. 1928; "The Undescended Testis," an experimental and clinical study (thesis for Ph.D.), 1925, reprinted in *Archives of Surgery*, March 1927; "Collapse following Sudden Decompression of the Distended Abdomen" (with Horace G. Scott), *Archives of Surgery*, Jan. 1928; "A Comparison of the Toxicity of Normal and Obstructed Intestinal Content" (with Stanley S. Chunn), *ibid.*, Feb. 1928; "The Absorption of Histamine from the Obstructed Bowel" (with Dr. Milo Loucks), *ibid.*, May 1928; "Simple Obstruction: A Study of the Cause of Death in Mechanical Obstruction of the Upper Part of the Intestine" (with Stanley S. Chunn), *ibid.*, June 1928; "Strangulation Obstruction: A Comparison of the Toxicity of the Intestine and other Tissues Autolyzed in Vivo and in Vitro" (with George S. Waldron), Sept. 1928; "How Long May Man Live with Obstructive Jaundice?", *Journal of American Medical Association*, May 26, 1928; "Untersuchungen über die Autolyse der Leber: Die Implantation der Leber in die Bauchhöhle der Ratte," *Endokrinologie* (Leipzig), Vol. 2, 1928, and in *Report of the 52nd German Surgical Congress*, and in *Proceedings of the Weekly Staff Meetings of the Mayo Clinic*, June 1928; "Impressions from a Surgical Study-Trip Abroad," *Minnesota Medicine*, March 1928, and in *Proceedings of the Weekly Staff Meetings of the Mayo Clinic*, Jan. 1929; "The Blood Supply of the Thyroid Gland with Special Reference to the Vascular System of the Cretin Goitre," *Surgery, Gynecology and Obstetrics*, 1929; "Non-parasitic Cyst of the Liver" (with A. V. Stoesser), *American Journal of Diseases of Children*, 1929. **Member:** Society of Experimental Biology and Medicine; Minneapolis Surgical Society; Alpha Omega Alpha (med. schol. Soc.); Fellow, American College of Surgeons. **Born** at Lake Park, Minn., Sept. 21, 1898; father, Owen Wangenstein, Post-

master at Lake Park, Minn., 1894-98 and 1905-11, came from Aardal, Sogn, in 1881; mother, Hannah (Hanson) W., was born at Lake Park, Minn., her parents having come from Oslo.

**WANGSNESS, GINA O.**, A.B., University of Minnesota, 1916; A.M., *ibid.*, 1928; Working toward Ph.D., *ibid.* **Instructor in German, University of Minnesota, Minneapolis, Minn., 1925 to date.** Principal, Finley (N. Dak.) High School, 1917-20; Dean of Women, Concordia College, Moorhead, Minn., 1920-23; Teaching Fellow in German, University of Minnesota, 1923-24; Assistant in German, same, 1924-25. **Member:** Modern Language Association of America; Phi Beta Kappa; Lambda Alpha Psi. **Born** at Clarkfield, Minn.; father came from Vangsnes, Sogn; mother, from the vicinity of Bergen.

**WATRUD, HJALMAR OLIVER**, B.S.A., University of Wisconsin, 1913; M.S., University of Wisconsin, 1914. **Instructor in Agricultural Economics, University of Wisconsin, Madison, Wis., 1914-17.** Farm Labor Specialist in Western States for U. S. Department of Agriculture, 1917; County Agricultural Agent, Decorah, Iowa, 1918-21; Grain Inspector for U. S. Department of Agriculture, Portland, Ore., 1922-23; in charge of large farm interests at South Wayne, Wis., 1923 to date. Has lectured extensively, and has done a considerable amount of organization and marketing work. Served as President of *Nora Samlag*, Scandinavian literary society, University of Wisconsin; Secretary of several farmers' associations and companies. **Biography in Rus**, 1918, 1925. **Born** on farm near Blanchardville, Wis., 1885; father came from Jevnaker, Hadeland; mother born in Hadeland, one in Gran, three in Jevnaker.

**WEDEBERG, SIVERT MATTHEW**, B.B.A., University of Washington (Seattle), 1925. **In-**



structor in Accounting, Yale University, New Haven, Conn., 1926 to date. Teacher, Oaksdale High School, 1925-26. **Member:** Beta Gamma Sigma (honorary commercial fraternity); Beta Alpha Psi. **Born** at Tacoma, Wash., 1898; parents came from the vicinity of Bergen.

**WELO, LARS ALVIN**, B.S., North Dakota Agricultural College, 1911; M.S., University of Illinois, 1915; Ph.D., University of California, 1918; Special Work, University of Upsala, 1921-22; University of Paris, 1922. **Assistant Professor of Physics, University of Minnesota, Minneapolis, Minn., 1919-21.** Assistant in Astronomy, University of Illinois, 1915-16; Fellow in Physics, University of California, 1916-17; Assistant in Physics, University of California, 1917-18; Engineer in Forest Products, Forest Products Laboratories, Madison, Wis., 1918-19; Research Work, University of Wisconsin, 1922-23; Physicist, Rockefeller Institute for Medical Research, New York, N. Y., 1923 to date. **Author** of about 25 papers on photoelectricity, catalysis, and magnetism published in journals devoted to Physics and Chemistry, and various papers read before the American Physical Society. **Member:** American Physical Society; Sigma Xi; Société Française de Physique; Fellow, American Association for the Advancement of Science. **Biography in** *American Men of Science*, 1921, 1927; *Who's Who in New York*, 1929; *Who's Who in the East*, 1930. **Born** at Church's Ferry, N. Dak., Jan. 29, 1888; father came from Gran, mother from Jevnaker, both Hadeland.

**WELTZIN, JOAKIM FREDERICK**, B.A. and B.S. in Edn., University of North Dakota, 1925; M.S. in Edn., *ibid.*, 1927; Ph.D. in Edn., *ibid.*, 1929. **Assistant Professor of Education, University of North Dakota, Grand Forks, N. Dak., 1929—.** High School Principal and Teacher, Kloten, N. Dak., 1922-24; Supt. of Schools, Streeter, N. Dak., 1925-27; Graduate Assist-

ant, Dept. of Scandinavian Languages, University of North Dakota, 1927-29; Instructor, Summer Session, School of Education, University of North Dakota, 1929. **Author:** *The Legal Authority of the American Public School*, book to be published in fall of 1930; *A Comparison of the College Records of the Graduates of Three Types of North Dakota High Schools* (thesis for M.S. degree), University of North Dakota Library; *North Dakota School Law Digest*, in preparation; "Liability of North Dakota School Boards to Actions for Damages," *School of Education Record*, University of North Dakota, May 1930; "American Public Schools and the Law," *ibid.*, March 1930; "State Examinations in High Schools," *ibid.*, May 1927; "Comparison of the Graduates of Large and Small High Schools," *ibid.*, April 1927; "The New Education," *ibid.*, Dec. 1925; "A Device for Teaching Arithmetic in One-Room Rural Schools," *North Dakota Teacher*, 1925; "Tort Liability of Schools and School Districts," *Dakota Law Review*, April 1928; "Our Cross—The State Examinations," paper presented to the convention of the North Dakota Educational Association, Fargo, N. Dak., 1927. Established and edited *The Kloten Reporter*, a newspaper, 1923-24. Addresses on educational, psychological, and other topics frequently delivered. First to receive the Ph.D. degree in the School of Education, University of North Dakota, and second to receive the degree at that university (at the age of 26). **Member:** National Education Association; North Dakota Educational Association; Philosophy Club, University of North Dakota; Phi Delta Kappa, National Honorary Professional Educational Fraternity. **Born** at Mayville, N. Dak., July 31, 1902; father came from the vicinity of Stavanger; mother from near Kongsberg; distant paternal ancestors from Weltzin (P. O. Trep-tow, Denmin), Germany, where they once held baronical and ducal ranks; relatives, Mrs. Alpha S. Fulton and Mrs. (Rev.) N. Astrup

Larsen (see Prof. Karen Larsen), were formerly teachers in the Seattle public schools.

**WERGELAND, AGNES MATHILDE**, Graduate, Nissen's School for Young Women, Oslo, 1879; Work in Norse Law and History with Geheimrath von Maurer, Munchen, 1884-86; Ph.D., University of Zurich, 1890; Special Study, France and Germany, 1893; Graduate Student, University of Chicago, 1896; University of Berlin, 1900. **Professor of History and French, University of Wyoming, Laramie, Wyo., 1902-10.** Fellow in History, Bryn Mawr College, 1890-91; Reader in History of Art, same, 1891-93; Lecturer, University of Illinois, 1895; Docent in History, University of Chicago, 1896-1902; Non-Resident Instructor in University Extension, University of Chicago, 1902-08; Professor of History and Spanish, University of Wyoming, 1910-14. **Author:** *Amerika og andre digte*, Anundsen Publishing Co., Decorah, Iowa, 1912; *Efterladte digte*, Free Church Book Concern, Minneapolis, 1914; *History of the Working Classes in France*, appeared first in *Journal of Political Economy*, republished by University of Chicago Press, 1916; *Leaders in Norway, and Other Essays*, George Banta Pub. Co., Menasha, Wis., 1916; *Slavery in Germanic Society during the Middle Ages*, University of Chicago Press, 1916; also many contributions to *North American Review*, *The Dial*, *American Architect*, *Journal of Political Economy*, and other journals. **Member:** American Historical Association; Pi Beta Phi. **Biography** in *Woman's Who's Who in America*, 1914-15; *Glimpses from Agnes Mathilde Wergeland's Life* by Maren Michelet, Folkebladet Pub. Co., Minneapolis, 1916. **Born** in Oslo, 1857; died March 6, 1914; sister of Oscar Wergeland, painter; father was a cousin of Henrik Wergeland, the poet; during summer vacations resided in her beautiful villa, the *Enebo*, in a cluster of Wyoming mountains known as *Lille Norge*; the first Norwegian woman ever to take the degree of

Doctor of Philosophy; to honor her memory, Dr. Grace Raymond Hebard of the University of Wyoming donated a fund of \$4,000.00 to the University of Oslo as trustee, to enable woman students to visit America for the purpose of studying the history of and economic conditions in the United States.

**WERNESSE, INGA M., A.B., A.M.** Professor of Biology and Latin, College of Pharmacy, and Assistant Professor of Physiology and Pharmacodynamics, College of Medicine, Baylor University, Dallas, Texas, 1913-14.

**WESENBERG, THOR GRIF-FITH, A.B.,** University of Pennsylvania, 1910; A.M., *ibid.*, 1911; Ph.D., Harvard University, 1925. **Professor of Romance Languages, Butler University, Indianapolis, Ind., 1929—.** Teacher of French and Spanish, Northeast High School, Philadelphia, Pa., 1910-11; Teacher of French and Spanish, Kohut School, New York City, 1912-13; Assistant in Romance Languages, University of Illinois, 1913-15; Graduate Work, Harvard University, 1915-17 and 1924-25; Service in U. S. Marine Corps, World War; Assistant Professor of Romance Languages, Butler University, 1919-24; Associate Professor of Romance Languages, same, 1924-29. Member, Phi Beta Kappa. **Biography** in *University of Illinois Alumni Record*. **Born** in Philadelphia, Pa., 1887; father, the late Capt. Frithjof Wesenberg (1835-1914), was born in Bergen, came to Philadelphia at the age of 38 as the Master of a sailing vessel, established the present firm of Wesenberg & Company of Philadelphia, 1875, became prominent in shipping and financial affairs, and widely known and esteemed for his benevolent and charitable work; mother, née Griffith, was born in the United States.

**WEST, HERMAN O., B.S.** in Econ., University of Pennsylvania. **Instructor in Accounting, University of Pennsylvania, Philadelphia,**



Pa., 1919 to date. President, the West Company, Philadelphia, 1923 to date. Inventor of dental instruments. Born in the United States; grandfather, A. O. Houkom, merchant, political leader, an incumbent of many public offices at Hvideleid, Ovre Telemarken, came to Wisconsin in 1886; great-grandfather, O. B. Houkom, was a member of the Norwegian Storting for more than 20 years, representing the district of Hvideleid.

**WICK, FREDERICK**, Pupil of local teachers at Nordfjord; Student, National Conservatory of Music, New York; Pupil of Catharinus Elling, Lindemann's Conservatory, Oslo. **Instructor in Violin, Sioux Falls College, Sioux Falls, S. Dak., 1912-15.** Private Studio, Minneapolis, Minn., 1907-11; Private Studio, Sioux City, Iowa, 1917 to date; Teacher of Music in private school, and in several public schools, Sioux City. Director: First Methodist Church Choir, Nordmändenes Singing Society, Swedish Glee Club, and Elks Glee Club, Sioux City; Director-in-Chief, Norwegian Singers' Association of America, and Sioux Valley Singers' Association, past 10 years; directed symphony orchestra at Sioux Falls, S. Dak., and at Sioux City, Iowa. **Orchestral compositions** include: "Echo from the North"; "Scherzo"; "Polonaise in F"; "Norwegian Sketches" in four parts, published by Carl Fischer, New York, 1928; also composer of 12 secular songs, and 30 sacred songs, all published by American publishers. Born at Nordfjord, Norway, Oct. 20, 1881.

**WIDTSOE, JOHN ANDREAS**, B.S., Harvard University, 1894; A.M., Ph.D., University of Göttingen, 1899; Graduate Student, Polytechnicum, Zurich, 1899-1900; LL.D., Agricultural College of Utah, 1914; LL.D., University of Utah, 1921. **President of the University of Utah, Salt Lake City, Utah, 1916-21.** Chemist, Utah Experiment Station, 1894-98; Parker Traveling Fellow of Harvard Uni-

versity Graduate School, Europe, 1898-1900; Director of Utah Experiment Station, 1900-05; Professor of Chemistry, Agricultural College of Utah, 1895-1905; Director of the School of Agriculture, Young University, Provo, Utah, 1905-07; President of the Agricultural College of Utah, 1907-16. Member, Utah State Horticultural Commission, 4 years; Member, Utah Conservation Commission, 1900-16; Member, Utah State Board of Education, 1907-21; Member, Board of Governors, 1912-15; Member, Utah State Council of Defense; Chairman, U. S. Food Administration Committee for Utah on Conservation of Irrigation Water; Member, Utah Water Storage Commission, 1921-28; Vice-Chairman and Secretary, Committee of Special Advisors on Reclamation, U. S. Department of the Interior, 1922-23; Chairman, Board of Surveys and Adjustments, U. S. Department of the Interior, 1924. **Author:** *Dry-Farming; a System of Agriculture for Countries under a Low Rainfall*, in the Rural Science Series, Macmillan Co., New York, 1913; *The Principles of Irrigation Practice*, in the Rural Text-Book Series edited by L. H. Bailey, Macmillan Co., New York, 1914; *Western Agriculture*, 1921; *Success on Irrigation Projects*, J. Wiley & Sons, New York, Chapman & Hall, London, 1928; author and editor of several other books. The following Bulletins issued by the Utah Agricultural Experiment Station: *The Chemical Composition of Utah Soils. Cache and Sanpete Counties*, Bull. 52, 1898; *The Chemical Life History of Lucern*. Part 2 (with J. Stewart), Bull. 58, 90 pp., 1898; *Irrigation Investigations. Factors Influencing Evaporation and Transpiration*, Bull. 105, 64 pp., 1909. Contributions to Bulletins of the Utah Agricultural Experiment Station: "Utah Sugar Beets (1897)," Bull. 53, 1898; "Lead Ore in Sugar Beet Pulp" (with L. A. Merrill), Bull. 74, pp. 57-62, 1902; "The Right Way to Irrigate (Results of 1901)" with W. W. McLaughlin, Bull. 86, pp. 55-101, 1903; "The Relation of Smelter Smoke to Utah Agriculture,"

*Bull.* 88, pp. 147-179, 1903; "Arid Farming in Utah" (first report of the State Experimental Arid Farms, with L. A. Merrill, *Bull.* 91, pp. 68-113, 1905; "The Storage of Winter Precipitation in Soils," *Bull.* 104, pp. 281-316, 1908; "The Movement of Water in Irrigated Soils" (with W. W. McLaughlin), *Bull.* 115, pp. 197-268, 1912; "The Yield of Crops with Different Quantities of Irrigation Water" (with L. A. Merrill), *Bull.* 117, pp. 69-119, 1912; "Method for Increasing the Crop Producing Power of Irrigation Water" (with L. A. Merrill), *Bull.* 118, pp. 125-164, 1912; "The Effect of Irrigation on the Growth and Composition of Plants at Different Periods of Development" (with R. Stewart), *Bull.* 119, pp. 169-200, 1912; "The Chemical Composition of Crops as effected by Different Quantities of Irrigation Water" (with R. Stewart), *Bull.* 120, pp. 205-240, 1912; "The Soil of the Southern Utah Experiment Station" (with R. Stewart), *Bull.* 121, pp. 244-268, 1913; "The Nature of the Dry-Farm Soils of Utah" (with R. Stewart), *Bull.* 122, pp. 272-288, 1913. "The Four-Quarter Plan of University Operation during the War and After," in *Addresses and Proceedings of the National Education Association*, 1917; "Relation between Quantity of Irrigation Water Used and Quantity of Crop Produced," in *Proceedings of Pan-American Scientific Congress, 2nd, Washington, 1915-16*, Washington, D. C., 1917; also numerous articles in scientific, agricultural and other journals. **Member:** American Chemical Society; American Geographical Society; Agricultural Society of England; Chemische Gesellschaft, Germany; Philosophical Society of Great Britain; Fellow, American Association for the Advancement of Science. Vice-President, International Dry-Farming Congress, 1909; President, same, 1912; Vice-President, International Irrigation Congress, 1915. The Widtsoe Hall, Agricultural College of Utah, occupied by the Departments of Chemistry, Physics, and Bacteriology, was named in his honor. **Biography** in *International Who's Who*, New York, 1912; *Who's*

*Who in Science—International*, London, 1914; *American Men of Science*, 1906, 1910, 1921, 1927; *Rus*, 1918, 1920, 1925, 1930; *Who's Who and Why in After-War Education*; *Who's Who in America*, since 1906-07 ed.; *Who's Who Among North American Authors*, 1925, 1927-28, 1929-30. Born on the island of Frøyen, Trondhjemsfjord, Jan. 31, 1872; came to the United States in 1883; brother of Prof. Osborne J. P. Widstoe (q.v.).

**WIDTSTOE, OSBORNE J. P.**, B.S., Agricultural College of Utah, 1897; M.A., Harvard University, 1905; Graduate Student, University of Chicago, 1916. Professor and Head of the Department of English, University of Utah, Salt Lake City, Utah, 1915-20. Professor of Physics and Chemistry, L. D. S. University, Salt Lake City, Utah, 1901-04; Professor of English, same, 1904-15; President of the University, 1913-14. **Author:** *Practical Freshman English* (with B. Roland Lewis), 1920; *The Language and Grammar of Kyng Alisaunder; The Downfall of Robert, Earl of Huntington; Effective Writing* (with B. Roland Lewis), Charles Scribner's Sons, New York and Chicago, 1923; also 2 other books, published in 1912 and 1918, respectively. Director, Division of University Publications, University of Utah, 1915-20. **Born** at Namsos, Dec. 12, 1877; died 1920; brother of President J. A. Widtsoe (q. v.).

**WIST, BENJAMIN O.**, B.A., Spokane College, 1910; Graduate Work, University of California, 1911; M.A., University of Hawaii, 1924. President of the Territorial Normal and Training School, Honolulu, Hawaii, 1921 to date. Assistant Principal, High School, Alhambra, Wash., 1910-11; Principal, Kaiwika School, Hilo, Hawaii, 1911-12; Principal, Pahala School, Pahala, Hawaii, 1912-14; Principal, Honokaa School, Honokaa, Hawaii, 1914-15; Principal, Kamehameha III School, Lahaina, Hawaii, 1915-21. **Author:** *A Study of Control of Teachers Training Institutions*, and other publications. **Member:**



National Education Association; Pi Gamma Mu fraternity; Public Question Club; Honolulu Rotary Club; President, Hawaii Education Association, 1924-25. **Born** in St. Paul, Minn.; father, the late Johannes B. Wist, Editor-in-Chief of *Decorah-Poston*, 1901-23, was born at Inderöen, near Trondheim; mother formerly of Glenwood, Minn.

**WOLD, ETHEL AMELIA**, A.B., University of Minnesota, 1905; M.A., University of Chicago, 1919; Additional Graduate Work, University of Chicago and Boston University. **Assistant Professor of English**, Illinois Wesleyan University, Bloomington, Ill., 1920 to date. Formerly Young Women's Christian Association Secretary; Young People's Worker, Boston. **Member:** Phi Kappa Phi; Sigma Tau Delta. **Born** in the United States.

**WOLD, PETER IRVING**, B.S., University of Oregon, 1901; E.E., *ibid.*, 1903; Ph.D., Cornell University, 1915. **Professor and Head of the Department of Physics**, Union College, Union University, Schenectady, N. Y., 1920 to date. Instructor in Physics, University of Oregon, 1900-03; Examiner of Patents, U. S. Patent Office, Washington, D. C., 1903-05, 1908-10; Instructor in Physics, Cornell University, 1905-08; Adviser on matters pertaining to patents, U. S. Signal Corps, 1910; Professor and Head of the Department of Physics, Tsing Hua College (American Indemnity College), Peking, China, 1911-14; Andrew D. White Fellow in Physics, Cornell University, 1914-15; Physicist, Western Electric Co., New York, 1915-20; on leave of absence, Visiting Professor of Science in China, for the China Medical Board of the Rockefeller Foundation, 1923-24. **Author** of many papers in scientific journals. Lecturer on Chinese History, Life, and Education. **Inventor** in the electrical field. **Member:** American Association for the Advancement of Science; Phi Beta Kappa; Gamma Alpha; Sigma Xi; Fellow, American Physical Society. **Biography** in *American Men of Science*, 1921, 1927;

*Who's Who in America; Who's Who in New York*, 1929; *Who's Who in the East*, 1930. **Born** in South Dakota; son of Ivor Peterson and Gurine (Gimse) Wold.

**WOLL, FRITZ WILHELM**, B.S., University of Oslo, 1882; Ph.B., *ibid.*, 1883; M.S., University of Wisconsin, 1886; Ph.D., University of Wisconsin, 1904. **Professor of Animal Nutrition**, University of California, Davis, Calif., 1913-22. Second Assistant Chemist, Wisconsin Agricultural Experiment Station, Madison, Wis., 1887-90; Assistant Chemist, same, 1890-97; Chemist, same, 1897-1913; Assistant Professor of Agricultural Chemistry, University of Wisconsin, 1893-1904; Associate Professor of Agricultural Chemistry, same, 1904-06; Professor of Agricultural Chemistry, same, 1906-13. **Author:** *Agricultural Calendar*, John Wiley & Sons, New York, 1895; *Dairy Calendar*, Wiley & Sons, 1895; *A Book on Silage*, Rand McNally & Co., Chicago, 1895; 2nd ed. 1900; *A Handbook for Farmers and Dairymen*, John Wiley & Sons, New York, 1897, 5th ed. 1908, 6th ed. 1914; *Testing Milk and Its Products*; a manual for dairy students, creamery and cheese factory operators, food chemists, and dairy farmers (with E. H. Farrington), Madison, Wis., 1898, Mendota Book Co., Madison, Wis., 1912, 26th ed. 1924; *Productive Feeding of Farm Animals* (pub. in the series Lippincott's Farm Manuals edited by K. C. Davis), J. B. Lippincott Co., Philadelphia and London, 1915. The following Bulletins of the Wisconsin Agricultural Experiment Station, Madison: *Ensilage vs. Corn Fodder for Milk Production*, 40 pp., Bull. 15, Madison, 1888; *Sugar Beet Investigations in Wisconsin*, Bulls. No. 30, 1891; 64, 1897; 71, 1898; *Rations for Dairy Cows*, 22 pp., Bull. 32, 1892; *One Hundred American Rations for Dairy Cows*, 47 pp., Bull. 38, 1894; *The Maintenance of Soil Fertility: Commercial Fertilizers*, 32 pp., Bull. 49, 1896; *The Marls of Wisconsin*, Bull. 51, 1896; *A Study of Dairy Salt*, 45 pp., Bull. 74, 1899; *Investigations of Methods of Milking*, 75

pp., Bull. 96, 1902; *Studies in Milk Production* (based on records of cows in the university dairy herd, 1898-1903, with W. L. Carlyle), 88 pp., Bull. No. 102, 1903; *On the Relation of Food to the Production of Milk and Butter Fat by Dairy Cows*, 85 pp., Bull. 116, 1904; *The Relation of Food to Dairy Production*, Bull. 117, 1904; *The Beet Sugar Industry of Wisconsin*, 70 pp., Bull. 123, 1905; *Sugar Beet Experiments during 1906*, 45 pp. (with C. W. Stoddart), Bull. 150, 1907; *Condimental Stock Foods*, 40 pp., Bull. 151, 1907; *Milking Machine Experiments*, 30 pp. (with G. C. Humphrey), Bull. 173, 1909; *Fertilizers for Wisconsin Farms*, 46 pp., Bull. 180, 1909; *A Decade of Official Tests of Dairy Cows, 1899-1909*, 49 pp., Bull. 191, 1910; *The Selection of Feeds for Dairy Cows*, Bull. 200, 1911; *Practical Lessons from the Management of the University Dairy Herd*, 34 pp. (with G. C. Humphrey), Bull. 217, 1911; *The Wisconsin Dairy Cow Competition*, 36 pp. (with R. T. Harris), Bull. 226, 1912. The following Circulars of Information issued by Wisconsin Agricultural Experiment Station: *The Wisconsin Feeding Stuff Law* (as amended by the Legislature of 1909), Cir. of Inf. 1, 1909; *The Wisconsin Dairy Cow Competition*, Cir. of Inf. 9, 1909; *Analyses of Licensed Commercial Fertilizers*, Cir. of Inf. 15, 1910; *The Feed Unit System for Determining the Economy of Production by Dairy Cows*, Cir. of Inf. 37, 1912. The following Circulars issued by the California Agricultural Experiment Station: *Official Tests of Dairy Cows* (with Cora J. Hill), Cir. No. 135, Berkeley, 1915; *Announcement of the California State Dairy Cow Competition, 1916-18*, Cir. No. 153, 1916. *Methods of Milking, with Special Reference to the Manipulating Method*, 96 pp., Pennsylvania Agricultural Department Bulletin 113, W. S. Ray, Harrisburg, 1903. "Notes on Agricultural Education in the Scandinavian Countries," in *Circular 32*, Office of U. S. Experiment Station, Washington, D. C., 1896; "The Efficiency, Economy, and Physiological Effect of Machine Milking," Wis. Agr. Exp.

Sta. *Research Bull.* 3, pp. 61-148, Madison, 1909; "Studies of the Protein Requirements of Dairy Cows" (with G. C. Humphrey), Wis. Agr. Exp. Sta. *Research Bull.* 13, pp. 176-216, 1911; "Studies in Dairy Production, Based on the Records Secured in the Wisconsin Dairy Cow Competition, 1909-1911," Wis. Agr. Exp. Sta. *Research Bull.* 26, pp. 56-135, Madison, 1912; "The Value of Barley for Cows fed Alfalfa" (with True and Voorhies), Calif. Agr. Exp. Sta. *Bull.* 256, pp. 425-445, Berkeley, 1915; "Feeding Dairy Calves in California" (with E. C. Voorhies), Calif. Agr. Exp. Sta. *Bull.* No. 271, pp. 18-44, 1916; also numerous contributions to technical, agricultural and dairy journals. **Translator:** G. Grotenfelt's *The Principles of Modern Dairy Practice from a Bacteriological Point of View*, J. Wiley & Sons, New York, 1894, 3rd ed. 1905. **Member:** Society for the Promotion of Agricultural Science; Association of Official Agricultural Chemists; Society for the Promotion of Animal Production; Wisconsin Academy of Science, Arts and Letters; Fellow, American Association for the Advancement of Science; President, Association of Official Agricultural Chemists, 1910-11. Delegate from University of Wisconsin at Centennial Jubilee, University of Oslo, 1911. Member of International Jury, Panama-Pacific Exposition, San Francisco, 1915. "Intensely interested in \* \* \* music, art and literature;" his home in Madison was "a veritable mecca for Madisonians with cultural interests similar to his own." J. C. M. Hanson in *Scandinavian Studies and Notes*, 1925. **Biography** in Nelson's *History of the Scandinavians and Successful Scandinavians*, Vol. 2, Minneapolis, 1897; *Who's Who in Science—International*, London, 1914; *American Men of Science*, 1906, 1910, 1921; *Rus*, 1918, 1920, 1925; *Who's Who in America*, 1903-05 to 1924-25 eds. **Born** in Bergen, May 23, 1865; came to the United States in 1885; died Dec. 5, 1922; uncle of Carsten T. Woll, well-known concert tenor and teacher of Voice.



**WRIGHT, ASLAUG OLSEN** (Mrs.), B.Mus., Gunn School of Music, Chicago, 1924; Teacher's Certificate, Chicago Musical College, 1901; Dunning System Certificate, 1905; Pupil of Percy Grainger, Rudolph Ganz, Maurice Rosenfeld, Glenn Dillard Gunn, Louis Campbell Tipton, Felix Borowski, Arthur Olaf Andersen, et al. Head of the Piano and Normal Training Departments, Dakota Conservatory, Fargo, N. D., 1909-12; Head of the Normal Department, Fargo College Conservatory of Music, 1912-16; Head of the Piano and Normal Training Departments, Conservatory of Music, State Teachers College, Valley City, N. D., 1916-24; now Director of the Wright School of Music, Kankakee, Illinois. **Author:** *First Class Lessons at the Piano from an Imitative Standpoint*, a teacher's text-book in ms.; *First Year's Class Lessons at Piano*, a teacher's text-book in ms. Awarded Special Scholarship, Chicago Musical College, 1901; Honor Pupil, same college. **Biography** in *The Musical Blue Book of America*, 1921-22. "An accomplished pianist, and a teacher of much authority and prominence." **Born** at Vardö, Norway, May 18, 1881.

**WRIGHT, LAURA JOSEPHINE**, Graduate, State Normal School, Winona, Minn.; A.B., Newberry College; Special Work, University of California; Institute of Normal Methods, Chicago; Applied Arts School, Chicago; Art Institute, Chicago; Private Work in Voice, Pomona College, in Minneapolis, Chicago and New York. **Dean of Women and Professor of Voice and Public School Music, Newberry College, Newberry, S. C.** Teacher in the Public Schools of Winnebago, Alexandria, and Minneapolis, Minn., 1887-1903; Supervisor of Music, Leadville, Colo., 1903-11; Supervisor of Music, Claremont, Calif., 1911-12; Teacher of Public School Music and Voice, St. Olaf College, 1912-17; Lutheran Ladies Seminary, Red Wing, Minn., and St. Olaf College, 1917-19; Dean of Women and Instructor

in Voice, State Teachers College, Mayville, N. Dak., 1920-24; Professor of Art, Voice, and Public School Music, Newberry College, 1925-28; Dean of Women and Professor of Voice and Public School Music, 1928—. Member of St. Olaf Choir, 1912-17, and on its European tour, 1913. **Author:** "Educational Value of Music," 1910; "The Care-free Individual," 1910; "As a Man Thinketh," 1911; also various contributions to newspapers. **Biography** in *School Calendar*, 1924. **Born** at Coon Valley, Wis., Sept. 15, 1868; father, the late Rev. Andreas Wright, Pastor at Rushford and Highland, Minn., 1871-1910, author and editor, was born at Näro, Ytre Namdalen; nieces: Marguerite Wright, Supervisor of Music, St. Cloud, Minn.; Lillian Wright Trost of Rochester, Minn., Teacher of Piano, Concordia College, Fargo Conservatory, Bush Conservatory, Chicago, and Texas Christian University, 1909-19; Mrs. Kenneth Ferguson, Teacher in High School, Minneapolis; nephews: Clarence Wright of Moorhead, Minn., Supt. of Schools; Norman Wright, piano teacher and organist at Gaumont Palace, Paris; sisters: Hilma Wright Drake of Northfield, Minn., Teacher of Piano, Lenoir-Rhyne College, Camrose Lutheran College, and St. Olaf College, 1913-22; Anna W. Wright, Teacher in Public and private schools since 1882, now Assistant Principal, Clay School, Minneapolis; Ella Wright Cutler of Long Beach, Calif., formerly High School Principal, now on Around-the-World tour (see Wright in *School Calendar*, 1924).

**YENSEN, TRYGVE DEWEY**, B.S. in E.E., University of Illinois, 1907; M.S., *ibid.*, 1912; E.E., *ibid.*, 1913; Ph.D., California Institute of Technology, 1927. **Research Assistant Professor of Electrical Engineering, University of Illinois, Urbana, Illinois, 1915-16.** Instructor, same, 1908-09. Engineer in the Testing Department, General Electric Company, Schenectady, N. Y., 1907-08; Electrical Engineer, Shawinigan Water and Power Com-

pany, Montreal, Canada, 1909-10; Research Assistant in Engineering Experiment Station, University of Illinois, 1910-14; First Assistant, same, 1914-15; Research Engineer, Westinghouse Electric and Manufacturing Company, East Pittsburgh, Pa., 1916-25; Section Engineer in the Research Department, in charge of all Magnetic Research Work, same, 1927 to date. **Author:** *X-Ray Evidence in Regard to Ultimate Nature of Magnetism*, thesis for Ph.D. degree, 1927; "Starting Currents of Transformers," Engineering Experiment Station, University of Illinois, Bulletin No. 55, Vol. 8; "Magnetic and other Properties of Electrolytic Iron Melted in Vacuo," *ibid.*, Bulletin No. 72, Vol. 8, 1914; "The Effect of Boron upon the Magnetic and other Properties of Electrol Iron, Melted in Vacuo," *ibid.*, Bulletin No. 77, Vol. 8, 1915; "Magnetic and other Properties of Iron-Silicon Alloys, Melted in Vacuo," *ibid.*, Bulletin No. 83, Vol. 8, 1915; "Magnetic and other Properties of Iron-Aluminum Alloys, Melted in Vacuo," *ibid.*, Bulletin No. 95, Vol. 8, 1917; "Abnormal Conditions of Transformer Operation," *Electrical World*, 1907; "Magnetic Properties of Fe Ni Alloys," *ibid.*; "Magnetic Properties of Iron and Iron Alloys," *Transactions of American Institute of Electrical Engineers*; "Magnetic Properties of Ternary Alloys Fe-Si-C," *ibid.*, 1924; "Forgeability of Iron-Nickel Alloys," *Transactions of American Institute of Mining and Metallurgical Engineers*; "Magnetic Properties of Iron-Cobalt Alloys," *General Electric Review*; "Development of Magnetic Materials," *Electric Journal*; "Magnetic Properties of 50% Fe-Ni Alloys," *Transactions Franklin Institute*, 1924; also numerous other contributions to *E. T. Z.*, Berlin; *Kemi, Farmaci og Terapi*, Norway; *Tekniske Ukeblad*, Norway; *Electrician*, London, and other technical journals. Recognized as an outstanding metallurgist. Chief contribution to metallurgy is his development of alloys having high magnetic permeability and low hysteresis loss, that is, alloys that are easily magnetized by an electric current, and, when sub-

jected to alternating current, show small energy loss due to reversal of the elementary magnets. His last alloy, a 50 per cent Iron-Nickel alloy, known as "Hipernik," is used extensively in Radio sets for amplifying purposes because of its extremely low hysteresis loss and high permeability. His work on Iron-Silicon alloys has added materially to man's knowledge of these important alloys, thousands of tons of which are used annually for transformers. Preliminary, Final and Special Honors at University of Illinois; awarded the Edison Medal in 1907. **Member:** American Institute of Mining and Metallurgical Engineers; American Institute of Electrical Engineers; American Physical Society; American Metric Association; Tau Beta Pi; Sigma Xi, Eta Kappa Nu; Heimskringla, University of Illinois; Vice-Chairman, American Institute of Electrical Engineers, Urbana, Illinois, 1911. **Biography** in *Who's Who in Engineering*; University of Illinois *Alumni Directory*; *American Men of Science*, 1921, 1927. Born at Drammen, Norway, January 30, 1884; graduated from Oslo Cathedral School in 1903.

**ZACHARIASEN, FREDRIK WILLIAM HOULDER**, Ph.D., University of Oslo, 1928. Assistant Professor of Physics, University of Chicago, Chicago, Ill., 1930—. Work with Prof. V. M. Goldschmidt, University of Oslo, 1924-28; Work with Prof. W. L. Bragg, Nobel Laureate, University of Manchester, England, as Fellow of the International Education Board, 1928-29; Universitetsstipendiat in Crystallography, University of Oslo, 1928-30. **Author:** "Die Kristallstruktur von BeO," *Norsk Geologisk Tidsskrift*, Oslo, Vol. 8, p. 189, 1925; "Die Kristallstruktur der Telluride von Zink, Cadmium und Quecksilber," *ibid.*, Vol. 8, p. 302, 1926; "Notiz über die Kristallstruktur von Phenakit, Willemitt und verwandten Verbindungen," *ibid.*, Vol. 9, p. 65, 1926; "The Crystal Structure of the Modification C of the Sesquioxides of the Rare Earth Metals and of Indium and Thallium," *ibid.*, Vol.



9, p. 310, 1927; "The Crystal Structure of  $\text{MoSi}_2$  and  $\text{WSi}_2$ ," *ibid.*, Vol. 9, p. 377, 1927; "The Crystal Structure of Tetramethyl-ammonium Iodide," *ibid.*, Vol. 10, p. 14, 1927; "Notiz über die Kristallstruktur von Titanit," *ibid.*, Vol. 10, p. 209, 1929; "Die feinbauliche Relation zwischen Eudidymit und Epididymit," *ibid.*, Vol. 10, p. 449, 1929; "The Chemical Formula of the Zircon Pyroxenes," *ibid.*, 1930; "Beitrag zur Frage nach dem Ionisationszustand der Atome im Raumgitter des Berylliumoxyds," *Zeitschrift für Physik*, Berlin, Vol. 40, p. 637, 1926; "Untersuchungen über die Kristallstrukturen von Sesquioxiden und Verbindungen  $\text{ABO}_3$ ," *Videnskapsakademiets Skrif-ter*, Oslo, 1. KL. No. 4, 1928; "Über die Kristallstruktur von Berylliumoxyd und Berylliumsulfid," *Zeitschrift für physikalische Chemie*, Leipzig, Vol. 119, p. 201, 1926; "Die Kristallstruktur der A-Modifikation von den Sesquioxiden der seltenen Erdmetalle," *ibid.*, Vol. 123, p. 134, 1926; "Über die Kristallstruktur der Telluride von Beryllium, Zink, Cadmium und Quecksilber," *ibid.*, Vol. 124, p. 277, 1926; "Über die Kristallstrukturen der Selenide von Beryllium, Zink, Cadmium und Quecksilber," *ibid.*, Vol. 124, p. 436, 1926; "Die Kristallstruktur des Ammoniumfluorids," *ibid.*, Vol. 127, p. 218, 1927; "Über die Kristallstruktur von  $\text{MoSi}_2$  und  $\text{WSi}_2$ ," *ibid.*, Vol. 128, p. 39, 1927; "Über die Kristallstruktur

des Palladiumoxyds," *ibid.*, Vol. 128, p. 412, 1927; "Über die Kristallstruktur des Magnesiumtellurids," *ibid.*, Vol. 128, p. 417, 1927; "Über die Kristallstruktur des Quecksilberoxyds," *ibid.*, Vol. 128, p. 422, 1927; "Über die Kristallstruktur des a- und B-  $\text{CdS}$ , sowie des Wurtzits," *Zeitschrift für Kristallographie*, Leipzig, Vol. 62, p. 260, 1925; "Über die Kristallstruktur der Wasserlöslichen Modifikation des Germaniumdioxids," *ibid.*, Vol. 67, p. 226, 1926; "Über die Kristallstruktur von Bixbyit, sowie vom künstlichen  $\text{Mn}_2\text{O}_3$ ," *ibid.*, Vol. 67, p. 455, 1928; "The Crystal Structure of Potassium Chlorate," *ibid.*, Vol. 71, p. 501, 1929; "The Crystalline Structure of Phenacite,  $\text{Be}_2\text{SiO}_4$  and Willemite,  $\text{Zn}_2\text{SiO}_4$ ," *ibid.*, Vol. 72, p. 518, 1930; "The Structure of Thortveitite,  $\text{Sc}_2\text{Si}_2\text{O}_7$ ," *ibid.*, Vol. 73, p. 1, 1930; "The Crystal Structure of Titanite," *ibid.*, Vol. 73, p. 7, 1930; "The Crystal Structure of Sodium Perchlorate,  $\text{NaClO}_4$ ," *ibid.*, Vol. 73, p. 141, 1930; "The Crystal Structure of Benitoite,  $\text{BaTiSi}_3\text{O}_{10}$ ," *ibid.*, Vol. 74, p. 139, 1930; "On Meliphanite and Leucophanite," *ibid.*, Vol. 74, p. 226, 1930; "The Crystalline Structure of Hambergite,  $\text{Be}_2\text{BO}_3(\text{OH})$ ," *ibid.*, 1930. Lectures delivered at meetings of the Norske Videnskapsakademi, Oslo, Jan. 1925, and Jan. 1930. **Member:** Norsk Geologisk Selskap; American Physical Society. **Born** in Langesund, Feb. 5, 1906.

## RHODES SCHOLARS

The will of the Honorable Cecil Rhodes, of South Africa (1853-1902), provided for the establishment of three-year scholarships at Oxford University, Oxford, England, available to citizens of the British colonies, the United States of America, and Germany. The amount to which American and British colonial scholars are now entitled, under this provision, is £400 a year. Until the year 1930, each American State was entitled to have two scholars in residence at Oxford University each year. Beginning with 1930, each one of the eight districts into which the country has been divided for the purpose of awarding these scholarships, will be entitled to select four Rhodes Scholars each year. Committees of selection, composed ordinarily of leading educators, are entrusted with the selection of each scholar on the basis of (1) "his literary and scholastic attainments; (2) his fondness for and success in many outdoor sports such as cricket, football and the like; (3) his qualities of manhood, truth, courage, devotion to duty, sympathy for and protection of the weak, kindness, unselfishness and fellowship; and (4) his exhibition during school days of moral force of character and of instincts to lead," etc. (From the will of Cecil Rhodes.) Following is a list of persons from six American States and three nations whose qualifications and attainments have won for them this much sought and highly prized scholarship.

**ANDERSON, RAYMOND W.**, —. Rhodes Scholar from the State of Minnesota, Oxford University, about 1918. Born in the United States; son of John P. Anderson, St. Paul, Minn.; nephew of Prof. Andrew W. Anderson (q.v. in the list of American educators).

**BELSHEIM, EDMUND**, B.A., University of North Dakota, 1927. Rhodes Scholar from the State of North Dakota, Oxford University, 1927—. At the University of North Dakota, winner of the Stockwell Prize in Oratory, 1924; Skulason Scholarship, 1924 and 1925; Honors in the North Dakota State peace oratorical contest, 1926; Class Valedictorian, 1927; represented the university in intercollegiate debating, 3 years. Traveled in Italy, Egypt, and Palestine, 1928. *Biography* in *U. N. D. Alumni Magazine*, Jan. 1928. Born in the United States; father, the late Rev. O. G. Belsheim, Pastor in Wisconsin, Minnesota, and North Dakota, 1891-1914, was born at Vang, Val-dres.

**EGELAND, LEIF**, B.A. (Class 1), Natal University College, Pietermaritzburg, Union of South Africa, 1921; M.A. (Class 1), Natal University College, 1922; B.A. (Class 1), Oxford University, 1926; B.C.L., Oxford University, 1927. Rhodes Scholar from the Union of South Africa, Oxford University, 1924-27. Schoolmaster, Michaelhouse (High School), Balmgohah, Natal, South Africa, Feb. 1923-June 1924; Don, Oxford University, 1927—. Awarded the "Borain Memorial" by vote of the Masters and Scholars, Durban (South Africa) High School; winner of 2 medals, Natal University College (most successful art student); awarded the Harmsworth Law Scholarship (£300), Oxford University; elected to Official Fellowship at Brasenose College, Oxford University, June 1927; Student at the Middle Temple, London. President of the Raleigh Club, Secretary of the League of Nations' Union, and Treasurer of the International Club, Oxford University. During vacations has traveled in England,



Wales, Scotland, Norway, Sweden, Denmark, Germany, Austria, Holland, Belgium, France, and Italy. *Biography in Fram* (Johannesburg, South Africa), Aug. 1926. **Born** at "Solheim," Durban, Natal, South Africa, Jan. 1903; father, J. J. Ege-land, was born at Lyngdal, near Farsund, came to Durban in 1880, at the age of 16, engaged in the timber trade, started the deep sea fishing industry in Durban, 1895, started the whaling industry in South Africa, 1908, founded the South African Whaling Co., Ltd., and the Union Whaling and Fishing Co., Ltd., of Durban, and is one of the leading captains of industry in South Africa (see *South African Who's Who*, 1925-26, 1929-30; *Fram*, Aug. 1926; and various issues of *Nordmandsforbundet*); mother, Ragnhild (Konsmo) E., was born at Nordre Undal, near Mandal, has been a delegate from South Africa to the International Council of Women's Quinquennial, International Council of Women Members of Peace in South Africa, Vice-President of the local N. C. W., and Vice-President of the Enfranchisement League, the Durban branch of the League of Nations' Union, and the newly-established Shakespeare Club of Durban, lecturer on literary and other subjects.

**FRASER, GJEMS M.**, B.A., University of North Dakota, 1920; —. Rhodes Scholar from the State of North Dakota, Oxford University, 1921-24. Superintendent of Schools, Crary, N. Dak., 1920-21; Teacher, Lake Forest (Ill.) Academy, 1924-26; Headmaster, Pembroke School, Kansas City, Mo., 1926 to date. Winner of North Dakota State Oratorical Contest. Member, Phi Beta Kappa, Delta Sigma Rho. *Biography in Private Schools*, 1926-27; *U. N. D. Alumni Magazine*, Jan. 1928. **Born** in America; brother of Prof. Eugenia G. Fraser (q.v. in list of American educators).

**GRAVEM, AXEL BERG**, Rhodes Scholar from the State of California, Oxford University,

1919-23. (See in list of American educators)

**HOVDE, FREDERICK, L.**, B.A., University of Minnesota, 1929. Rhodes Scholar from the State of North Dakota, Oxford University, 1929—. "He has been an outstanding student at Minnesota where he made a 'B' average besides being one of the Gophers' outstanding athletes. Hovde starred as quarterback this fall and has been selected on several mid-western mythical elevens. He is affiliated with Phi Delta Theta fraternity, and is also a member of several honor societies." *The Student* (University of North Dakota), Dec. 11, 1928. **Born** in Erie, Pa., Feb. 7, 1908; brought to Devils Lake, N. Dak., at the age of 4; father, M. R. Hovde, is Chief of the U. S. Weather Bureau, Devils Lake, N. Dak.

**JOHANSON, JOEL MARCUS**, Rhodes Scholar from the State of Washington, Oxford University, 1904-07. (See in list of American educators)

**KOREN, WILLIAM, JR.**, B.A., Princeton University. Rhodes Scholar from the State of New Jersey, Oxford University, 1931—. Winner of various honors at Princeton University. See John Koren and Prof. William Koren in list of American educators.

**LARSEN, JAKOB AALL OTTESEN**, Rhodes Scholar from the State of Iowa, Oxford University, 1911-14. (See in list of American educators)

**LARSEN, THORLEIF**, Rhodes Scholar from the Province of British Columbia, Canada, Oxford University, 1907-10. (See in list of American educators)

**MOE, HENRY ALLEN**, Rhodes Scholar from the United States at large, Oxford University, 1921-23. (See in list of American educators)

**NELSON, DAVID THEODORE**, A.B., Luther College, 1912; A.B., Oxford University, 1917; Graduate Student, University of Chicago. Rhodes Scholar from the State of North Dakota, Oxford University, 1914-17. Principal of School, Hannaford, N. Dak., 1912-13; Relief Worker, Belgium and Northern France, Dec. 1914-Oct. 1915; Ambulance Worker, France, 1916; Captain, U. S. Army, United States and France, 1917-19; Professor of Languages and History, Luther College, 1921—. Upon special invitation, as a former relief worker with the Hon. Herbert Hoover, attended the latter's Inauguration as President of the United States, March 4, 1929. *Biography* in *School Calendar*, 1924. Born at Hillsboro, N. Dak., Sept. 10, 1891.

**STROM, CARL W.**, A.B., Luther College, 1919; M.S., State University of Iowa, 1924; B.A., Oxford University, 1927. Rhodes Scholar from the State of Minnesota, Oxford University, 1924-27. Teacher of Mathematics, Luther College, 1919-23; Professor of Mathematics, Luther College, 1927 to date. Awarded honors of the Second Class for work in Mathematics, Oxford University. *Biography* in *School Calendar* 1924. Born at Albert Lea, Minn., Dec. 22, 1899; paternal grandfather, Christian L. Strom, came from Almunaune, Tröndelagen, in 1869; father, Rev. E. I. Strom, was Principal of Luther Academy, Albert Lea, Minn., 1897-1902, and has been Pastor at Belgrade, Red Wing, and Watson, Minn., since 1902.

**TETLIE, JOSEPH**, A.B., St. Olaf College, 1909; A.B., Oxford University, 1913; C.T., United Church Seminary, St. Paul, 1916. Rhodes Scholar from the State of Minnesota, Oxford University, 1910-13; Principal, Hauge Academy, Fancheng, Hupeh, China, 1919-21; Graduate Student, University of Chicago, 1923-25; Pastor, Madison, Minn., 1916-17, and 1925 to date. *Biography* in *School Calendar*, 1924; *Who's Who Among Pastors*, 1928. Born in Dickson County, Neb., May 18, 1888; father, the late Rev. Paul H. Tetlie, was born at Skogn, Indherred.

**TITLESTAD, RICO MARTIN**, Rhodes Scholar from the Union of South Africa, Oxford University, 1922-25. (See in list of world educators.)

**TITLESTAD, VICTOR ALBERT**, B.A., Natal University College, Pietermaritzburg, South Africa, 1923; Diploma in Education, Natal University College, 1924. Rhodes Scholar from the Union of South Africa, Oxford University, 1927—. Teacher in Durban and Pietermaritzburg, Natal, South Africa, 1924-27. Born in South Africa; brother of R. M. Titlestad (q.v. in list of world educators); cousins: Karl M. Titlestad, Principal of Umpumulo Native College, Mapumulo, Natal, South Africa; Gunvald M. Titlestad, Teacher at Umpumulo Native College (both being the sons of Rev. L. M. Titlestad); brother, S. E. Titlestad, is gradually taking over his father's extensive business; sister took her matriculation examination in 1927.



## WORLD EDUCATORS

**AMUNDSEN, E D W A R D OTTO**, B.S., University of California, 1912. Professor of Horticulture, University of South Africa, Union of South Africa, 1921-23. Instructor in Agricultural Extension, University of California, East Auburn, Calif., 1917-20; Specialist in Agricultural Extension, University of California, 1920-21; Manager, Growers' Service Department, Newcastle (Calif.) Fruit Growers Association, 1924—. **Member:** Delta Sigma Phi, Alpha Zeta. **Biography in** *Rus*, 1918, 1920, 1925, 1930. Born in the United States; son of O. and Anna (Staven) Amundsen.

**ANDERSEN, ANTON JÖRGEN**, —. Professor of Music, Royal Conservatory of Music, Stockholm, Sweden, 1876-1911. Noted Concert 'cellist; with the Stockholm Opera, 1871-1905. **Composer:** his works include 3 symphonies, many songs, and pieces for male quartettes. **Biography in** *New Encyclopedia of Music and Musicians*, London and New York, 1924; Abert's *Illustriertes Musik-Lexikon*, Stuttgart, 1927. Born in Christiansand S., Oct. 10, 1845.

**BANG, IVAR CHRISTIAN**, Cand. Med., University of Oslo, 1895; Graduate Student, Germany, and University of Upsala; Ph.D.; Hon. M.D., University of Lund, 1905. Professor of Physiological Chemistry, University of Lund, Lund, Sweden, 1902 to date. Has carried on extensive researches. **Author:** *Chemie und Biochemie de Lipoide*, published in Germany, 1911; also about 150 articles on nucleus proteids, nucleus acids, chemistry of the lipid substances, formation of sugar in the liver, and numerous other subjects, published chiefly in German scientific journals. Honorary member, Pathological Society of Great Britain and Ireland, 1906—.

**Biography in** *Hvem er hvem?*, Oslo, 1912; *Who's Who in Science—International*, London, 1914; *Salmonsens Konversations Leksikon*, Copenhagen. Born Oct. 28, 1869; son of the late Rt. Rev. A. Chr. Bang, Bishop of Oslo (see *International Who's Who*, New York, 1912); sister, Maia Bang Hoehn, founder of the Oslo School of Music, Oslo, Norway. was appointed a teacher at Leopold Auer's Academy, New York, 1919, and is the author of *Violin Method*, in 6 parts (Carl Fischer, New York, 1922), 170,000 copies of which have been sold in the United States, Mexico, and Japan, and editions of which are now being published in 7 European countries (see *A Modern Dictionary of Music and Musicians*, New York and London, 1924; *Das Neue Musik Lexikon*, Berlin, 1926).

**BJERKNES, VILHELM FRI-MAN KOREN**, Ph.D., University of Oslo, 1892; Hon. Ph.D., St. Andrews University, 1926; Hon. Ph.D., University of Copenhagen, 1928. Founder and Director of the Geophysical Institute, University of Leipzig, Leipzig, Germany, 1913-17. Teacher of Mechanics, College of Stockholm, 1893-95; Professor of Mechanics and Physics, College of Stockholm, 1895-1905; Lecturer in Mathematical Physics, Columbia University, New York, 1905-06; Professor of Physics, College of Stockholm, 1906-07; Professor of Mechanics and Mathematical Physics, University of Oslo, 1907-13; Professor of Geophysics, Geophysical Institute, Bergen, Norway, 1917-27; Professor, University of Oslo, 1927 to date. Member of Staff, Carnegie Institution of Washington. **Author:** *Fields of Force* (lectures delivered at Columbia University), New York, 1906; *Dynamic Meteorology*, Carnegie Institution of Washington, 1910-11 (the first 2 vols. of an extensive work

on this subject); numerous articles published in *Ann. d. Phys.*, 1891-95, and other scientific journals. Editor, *Hydrodynamic Action at a Distance* (the works of his father), 2 vols., 1900-02. One of the world's outstanding meteorologists; more than half of the space occupied by the article on meteorology in the *New International Encyclopedia Supplement for 1914-24* is devoted to a discussion of his contributions to this science. "He gave a complete theory of the phenomenon of electric resonance which has contributed much to the development of wireless telegraphy;" he "was the originator of an improved and more scientific weather service, afterwards controlled by his son and collaborator, (Dr.) Jakob Bjerknes, which occasioned a new view of cyclones and anticyclones." (*Ency. Britan.*, 13th ed.) Awarded the Agassiz Medal by the National Academy of Science, Washington, D. C. **Biography** in *Who's Who in Science—International*, London, 1914; *Wer ist's*, Berlin, current issues; *Norks Biografisk Leksikon*, Oslo; *Salmonsens Konversations Leksikon*, Copenhagen; *Encyclopedia Britannica*, 13th ed.; and numerous other works. **Born**, 1862; father, Carl A. Bjerknes (1825-1903), distinguished physicist, was Professor of Mathematics, University of Oslo, 1866-1903, and at the Electrical Exhibition in Paris, 1881, was awarded the highest distinction for his demonstrations in the fields of electricity, magnetism, and gravitation.

**BORCHGREVINK, CARSTEN EGEBERG**, Student, Gjertsen's Latin School, Oslo; Graduate, Royal College of Forestry, Tharandt, Saxony, Germany. **Instructor in Languages and Natural Science**, Coorwull College, New South Wales, Australia, 1892-94. Founder of Coorwull Museum. Surveyor in Queensland, Australia, 1888-92; New South Wales, 1893; member of the "Antarctic" expedition to Antarctica, 1894-95; Leader of the "Southern Cross" expedition to Antarctica, 1898-1900; sent by the National Geographic Society, Washington, D. C., aboard U. S. Man-of-War "The Dixie" to in-

vestigate the volcanic regions in the island of Martinique, French West Indies, 1902; Resident of Oslo. **Author:** *Närmest Sydpolen*, 1900; *First on the Antarctic Continent*, 1901; *Das Fastland am Sydpol*, 1904; also numerous scientific articles published in journals of various countries. Results of the "Antarctic" expedition presented to 6th International Geographical Congress, London, 1895; lecture tour of England, Germany, Austria, and United States, 1896-97. With Capt. H. J. Bull and Capt. Kristensen of the "Antarctic" expedition, was the first human being to go ashore on the Antarctic mainland, Jan. 24, 1895; with 9 other members of the "Southern Cross" expedition, was the first to winter on the Antarctic mainland, at Cape Adare, 71° 18', 1899-1900, spending almost a year in exploration, mapping the coast about Robertson Bay, studying the flora and fauna, collecting botanic, zoological, and geological specimens, making magnetic and meteorological observations, locating the south magnetic pole, discovering a new island, and, accompanied by 2 other Norwegians, traveling by sledges, reached 78° 50', the southernmost point reached by man up to that time. **Honorary member**, Geographical Societies of Edinburgh, Dresden, Berlin, Vienna, Budapest, and Melbourne; **Honorary member** and **Medalist**, Royal Scottish Geographical Society; **Fellow**, Royal Geographical Society, London; **Knight**, Order of St. Olav, 1900; **Knight**, Order of Dannebrog, 1907; **Knight Commander**, Austrian Imperial Order of Franz Joseph, 1911; awarded the Patrons' Medal of the Royal Geographical Society, London, 1930. **Biography** in *Hvem er hvem?*, Oslo, 1912; *Who's Who in Science—International*, London, 1914; *Who's Who*, London, 1925, 1928; *New International Encyclopedia*, New York; *Salmonsens Konversations Leksikon*, Copenhagen; and numerous other works. **Born** in Oslo, 1864.

**BRAGSTAD, OLE SIVERT**, Dr. Ing., Technische Hochschule, Dresden, 1894. **Professor of Elec-**



trotechnique, Technische Hochschule, Karlsruhe, Germany, 1905-08. Engineer, Oslo, 1895; Manager of a manufacturing plant, Königsberg, Germany, 1896; Assistant in Electrotechnique, Technische Hochschule, Karlsruhe, 1897-1901; Instructor, same, 1901-05; Engineer, steel mills of Pittsburgh, Pa., 1908-10; Professor of Electrotechnique, Norway Institute of Technology, Trondheim, 1910-27. **Author:** *Beitrag zur Theorie und Untersuchung der asynchronen Mehrphasenmotoren*, 1902; *Schaltungen und Konstruktionen aus dem Gebiete der elektrischen Bahnen*, 1907; *Wechselstrom-Technik*, 1910; also many articles published in *Elektrotechnische Zeitschrift*, Berlin; *Zeitschrift für Elektrotechnik*, Vienna; *Electrician*, London; and other journals. **Inventor** of a cascade transformer widely used. **Biography** in *Hvem er hvem?*, Oslo, 1912; *Who's Who in Science—International*, London, 1914; *Aschehougs og Salmonsens Konversations Leksikon*; and various other biographical works. **Born** at Inderøen, Trøndelagen, 1868, died 1927; brother of J. S. Bragstad, Superintendent of Folk High School, Sund, Inderøen.

**BROCH, HJALMAR**, Cand.Phil., University of Oslo, 1902; Studies at University of Copenhagen, University of Breslau, and Oceanographic Institute, Bergen; Ph.D., University of Oslo, 1910. **Professor of Zoology and Director of the Biological Station, Split (Spalato), Jugoslavia, 1931—**. Assistant, Norwegian Fishery Investigations, Bergen, 1905-06; 1st Assistant, Swedish Hydrographic-Biological Commission, and Director of the Biological Station, Island of Bornö, Sweden, 1907-09; Fellow, University of Oslo, 1909-10; Curator, Department of Zoology, Royal Norwegian Academy of Science, Trondheim, 1910-20; Lecturer in Zoology, University of Oslo, 1920-31; also in charge of the establishment of oceanographic institute and the organization of deep-sea investigations, Jugoslavia, 1931—. **Author** of the following treatises, all of which are in the New York Public Library: *Nordsee-Hydroiden*

*von dem Norwegischen Fischereidampfer "Michael Sars" in den Jahren 1903-04 gesammelt*, J. Grieg, Bergen, 1906; *Zur Medusenfauna von Norwegen*, J. Grieg, Bergen, 1906; *Norwegische Herringsuntersuchungen während der Jahre 1904-06*, J. Grieg, Bergen, 1909; *Coelenterés du fond*, C. Bulens, Brussels, 1912; *Stylasteridae*, B. Luno, Copenhagen, 1914; *Alcyonarien*, Almqvist & Wiksell, Stockholm, 1916; *Cirripeden*, Stockholm, 1916; *Hydroida*, B. Luno, Copenhagen, 1916-18; *Studier over cirripediens fylogeniske slegtsskapsforhold*, J. Dybwad, Oslo, 1921; *Cirripedia Thoracica von Norwegen und dem norwegischen Nordmeere*, J. Dybwad, Oslo, 1924. Also numerous other scientific publications, among which are the following: *Plankton der schwedischen Expedition nach Spitzbergen*, 1908, 1910; "Hydroida of Arctic Sea," in *Fauna Arctica*, 1909; "Medusae," in *Michael Sars Expedition*, 1910, 1913; *Deutsche Tiefseexpedition; Den danske Ingolfexpedition; Meeresfauna von Westafrika*; and *Küchenthals Handbuch der Zoologi*. **Member:** Royal Norwegian Academy of Science, Trondheim; Biological Society, Oslo. **Biography** in *Hvem er hvem?*, Oslo, 1912; *Who's Who in Science—International*, London, 1914; *Aschehougs Konversationsleksikon*, Oslo, 1925. **Born** at Horten, Norway, July 19, 1882; brother, Prof. Olaf Broch, is a distinguished Slavonic scholar, has been Professor of Slavonic Languages at the University of Oslo since 1900, and is the author of numerous treatises dealing with Slavonic dialects and languages, one of which was originally written by him in Russian for the Academy of Science in Petrograd, which in recognition of his work bestowed upon him the Puskin Medal; decorated by the Serbian government with the order of St. Sava, and by the Russian government with the order of St. Stanislaus (see *Salmonsens Konversations Leksikon*, Copenhagen).

**BRÖGGER, WALDEMAR CHRISTOPHER**, Student, University of Oslo; Hon. Ph.D., University of Heidelberg; Sc.D., Cam-

bridge University, 1907; Ph.D., College of Stockholm, 1907; LL.D., Glasgow University, 1901. Professor of Geology and Mineralogy, College of Stockholm, Stockholm, Sweden, 1881-89; Professor of Mineralogy and Geology, University of Oslo, 1889-1916; also Rector of the University, 1907-11. Author of a long list of scientific publications dealing with mineralogy, petrography, stratigraphy, paleontology, glaciology, and archeology. Lecturer at several American universities. Leader of a number of archeological expeditions to Scotland. Foreign member: National Academy of Science, Washington, D. C.; Institute de France; Royal Society, London; member of about 30 other learned societies. Awarded the Murchison Medal by the Geological Society of London, 1891; Spendiarioff Prize at Geological Congress, Vienna, 1903; Wollaston Medal by the Geological Society of London, 1911. Commander, Swedish order of the North Star; Commander, French Legion of Honor; Commander, Italian order of the Crown; Knight, Russian order of St. Stanislaus; Knight, Danish order of Dannebrog; Storkors, order of St. Olav, 1911. Biography in *Hvem er hvem?*, Oslo, 1912; *Who's Who in Science—International*, London, 1914; *Aschehougs* and *Salmonsens Konversations Leksikon*; *Encyclopaedia Britannica*, 1929 ed.; and numerous other biographical works. Born, 1851; son, Dr. A. W. Brøgger, has been Professor of Archeology, University of Oslo, since 1915.

**FRIDRICHSEN, ANTON J.**, Cand. Theol., University of Oslo, 1911; Scholar, Breslau and Gottingen, 1912-13; Theol. D., University of Oslo. Professor of Exegesis, University of Upsala, Upsala, Sweden, 1928—. Formerly Vicar in Christiansund N. and Pastor in Skogn and Öre; Lecturer in Theology, University of Oslo, 1916-28. Author of numerous articles published in various journals. Born in Meraker, Stjördalen, 1888.

**GUDE, HANS FREDERIK**, Pupil of Flintoe, Oslo; J. W. Schirmer and Andreas Achenbach, Düsseldorf Academy. Professor of Art, Academy of Art, Düsseldorf, Germany, 1854-62; Painter, Wales, 1862-64; Professor of Art and Director of the Academy of Art, Karlsruhe, Germany, 1864-80 (or -82?); Professor of Art, Academy of Art, Berlin, 1880 (?) -1903. Noted painter; represented by works in art museums of Oslo, Stockholm, Helsingfors, Copenhagen, Breslau, Hamburg, Leipzig, Berlin, and other cities. Biography in *New International Encyclopedia*, New York; *Salmonsens Konversations Leksikon*, Copenhagen; and numerous other biographical works in many languages. Born in Oslo, March 13, 1825; died in Berlin, Aug. 18, 1903; son, Nils Gude, is a well-known portrait painter of Oslo.

**GULBRANSSON, OLAF**, Student, Royal School of Arts and Crafts, Oslo, 1885-90; Paris, 1900. Professor of Art, Academy of Art, Munchen, Germany, 1929—. One of Europe's celebrated cartoonists; with *Simplicissimus*, Munchen, since 1902. Collections of cartoons published as *24 Charicatures*, 1901; *Berüimte Zeitgenossen*, Munchen, 1905; has contributed illustrations to numerous books and journals in Europe. Biography in *Hvem er hvem?*, Oslo, 1912; *Aschehougs* and *Salmonsens Konversations Leksikon*. Born in Oslo, May 26, 1873.

**GUNDERSEN, G.**, B.S. (with final honors), Melbourne University. Senior Lecturer in Mathematics, Melbourne University, Melbourne, Victoria, Australia, now and for a number of years. Holder of the Victorian State Chess Championship for 11 years. Born in Bordeaux, France, March 11, 1882; father, the late Consul Hans J. Gunderson, graduate of the Law Department, University of Oslo, 1871, served as Norwegian-Swedish Vice-Consul, Bordeaux; Consul, Melbourne, 1887-1906; Vice-Consul, Cardiff, 1907-15; fitted out and led a sealing expedition to Kerguelen Land in a small brig of his own,



built in Trondheim, 1897-98; resided in Australia, roaming around the Pacific Islands, 1915-27.

**GUNDERSEN, SARA E.**, B.S., Melbourne University; Med.B., Melbourne University. **Senior Demonstrator in Bacteriology**, Melbourne University, Melbourne, Victoria, Australia, now and for a number of years. Formerly Demonstrator in Natural Philosophy, Melbourne University. Born in London, England, Oct. 11, 1886; sister of G. Gundersen (q.v.).

**GUNSTENSEN, JENS E.**, educated, Chalmers Institute of Technology, Gottenborg; Polytechnicum, Zurich. **Professor of Engineering**, Polytechnic Institute, Riga, Latvia, 1890-91. Head teacher of Engineering, Technical School, Trondheim, 1891-1910; also Director of the school, 1906-10; Professor of Structural Engineering, Norway Institute of Technology, Trondheim, 1910—. **Biography in *Hvem er hvem?***, Oslo, 1912; *Who's Who in Science—International*, London, 1914; *Aschehougs Konversationsleksikon*, Oslo, 1925. Born in Flekkefjord, 1853.

**HEIDE, RAGNALD**, Graduate, Department of Dentistry, University of Oslo; Graduate Work, Paris, 1 year. **Professor of Dentistry**, L'École et l'Hôpital Dentaire, Paris, France, 1885-1917. Practicing dentist, Paris. Founder and co-editor of several dental journals. Delegate to many international dental congresses. Honorary member, Dental Association of Denmark. Winner of Gold Medal, Paris. Decorated by the Government of France with the Knighthood of the French Legion of Honor; French rescue medal; Officier de L'Instruction Publique; Knight, Swedish order of Vasa; Knight, Spanish order of Isabella la Catolica; Knight, Turkish order of Osmanie. **Biography in *Hvem er hvem?***, Oslo, 1912; *Aschehougs Konversationsleksikon*, Oslo, 1925. Born, 1860; died, 1917; brother, Dr. H. O. Heide, was a distinguished dentist of Oslo, 1873-1909.

**HOLTERMANN, CARL LUDVIG**, Ph.D., University of Bonn, 1893. **Professor of Botany**, University of Berlin, Berlin, Germany, 1902-23. Privatdozent, University of Berlin, 1897-1902. Carried on mycological researches in Java, Borneo, and Ceylon. **Author:** *Beitr. z. Anatomie der Combretaceen*, 1893; *Mykolog. Untersuchungen aus den Tropen*, 1898; *Der Einfluss des Klimas auf den Bau der Pflanzengewebe*, 1907; also various papers in scientific journals. **Biography in *Hvem er hvem?***, Oslo, 1912; *Aschehougs Konversationsleksikon*, Oslo, 1925; *Salmonsens Konversations Leksikon*, Copenhagen. Born in Solvorn, Hafslo, 1866; died in Berlin, 1923.

**HYNE, RAGNAR**, B.A., University of Queensland; Member of the Queensland (Australia) Bar. **Director of Education, Tonga Islands**, 1920-30 (the Tonga Islands are a group of some 300 coral isles in the South Pacific Ocean, constituting an independent kingdom under British protectorate, with a government and parliament modeled on European systems). Also Principal of the Government College for Boys, having 170 students in residence; had under his control 73 Government Primary Schools, and in addition visited annually some 40 Denominational Primary Schools. Magistrate, Solomon Islands, 1930—. **Compiler of the following books for use in Tongan schools:** *First Tongan Reader*; *Second Tongan Reader*; *Third Tongan Reader*; *Geography for Tongan Primary Schools*; expects to publish a *History of Tonga*, and an *Advanced Geography for Tongan Scholars*. **Biography in *Viserguttten***, Canton, S. Dak., July 24, 1930. Born at Randsfjord, Norway; left for Australia with his parents at the age of 6; married daughter of Mr. Justice Woolcock of the Supreme Court of Queensland; brother, Torleif Hein, in a competitive examination for admission to the Royal Military College, Australia, secured 2nd place out of 130 odd candidates from all the best secondary schools and colleges in Australia.

**HYTTEN, TORLEIV, B.A.,** University of Tasmania; M.A., *ibid.* Professor of Economics, University of Tasmania, Hobart, Tasmania, Australasia, 1930—. Formerly Lecturer in Commerce at the same university. Born at Tönsberg, Norway, 1890; came to Australia in 1910.

**JOHANNESSEN, KARL, "Professor at Conservatory in Leicester, England,** where he won for himself a distinguished position, amongst other things, as leader of a string quartet." "When only 11, was engaged as violinist at Opera House, Stockholm; later made successful concert tours in Germany and Scandinavia." Appointed Professor at Leicester on the recommendation of Joseph Joachim, great Hungarian violinist and composer, "for many years the attraction of every London season." Biography in *A Modern Dictionary of Music and Musicians*, London and New York, 1924 (from which above quotations have been taken); *Das Neue Musik Lexikon*, Berlin, 1926. Born at Sarpsborg, Norway, April 11, 1869; died at Ledbury, Worcester, England, Dec. 5, 1904.

**KONOW, STEN, Cand. Mag.,** University of Oslo, 1891; Ph.D., University of Halle, 1893. Founder of the Chair of Indology, and Professor of the Philology, Literature, Religion, Philosophy, History and Culture of Ancient India, University of Hamburg, Hamburg, Germany, 1914-19. Assistant Librarian, Royal Library, Berlin, 1894-96; Stipendiat, University of Oslo, 1896-99; Docent in Indian Philosophy, University of Oslo, 1899-1900; called to the chair of Assistant Professor of Sanskrit, Harvard University, 1900, but declined owing to his appointment that year as Assistant to Sir George Grierson in the Linguistic Survey of India, in which capacity he served, 1900-06; Government Epigraphist for India, traveling through Burma, Bengal, United Provinces, Bombay Presidency, Madras, and Kashmir, taking part in the great excavations at Sarnath, near Benares, and

collecting, deciphering, and publishing ancient inscriptions, 1906-08; Lecturer on Indian Philosophy, University of Oslo, 1908-10; Extraordinary Professor of Indian Philology, University of Oslo, 1910-14; Extraordinary Professor of Indian Languages and History, University of Oslo, 1919 to date; also Lecturer, University of Rabindranath Tagore, Santiniketan, India, and University of Calcutta, India, 1924-25. Author: *Samavidhanabrahmana*, Halle, 1893; *Karpuramanjari*, Cambridge, 1901; treatises on "Tibetan," "Himalayan Dialects," "North Assam Group," Kachin, Kuki-Chin, and Burma Groups, in Vol. 3, *Linguistic Survey of India*; "Munda and Dravidian Languages," in Vol. 4, *Linguistic Survey of India*; "Marathi Languages," in Vol. 7, *Linguistic Survey of India*; "The Bhil Language," in Vol. 9, *Linguistic Survey of India*; *Örken og Oase*, Oslo, 1912; *Bashgali Dictionary*, Calcutta, 1913; *Indien unter der englischen Herrschaft*, Tübingen, 1915; *Indien*, Leipzig, 1917; *Indiens Bedeutung für das britische Weltreich*, Hamburg, 1919; *Indien i det nittende aarhundrede*, Copenhagen, 1920; *Das Indische Drama*, Berlin and Leipzig, 1920; and numerous other works. Contributor to *Salmonsens Konversations Leksikon*, Copenhagen, *Journal of the Royal Asiatic Society*, *Indian Antiquary*, *Epigraphia Indica*, and numerous other works and journals of many countries. Editor: *Catalogue of the Library of the Director-General of Archaeology*, Calcutta, 1908; a collection of important Hindu inscriptions; 2 texts in the formerly unknown Iranian language of Chinese Turkestan; Vol. 6 of *Harvard Oriental Series*; and numerous other publications in various languages. Formerly co-editor *Epigraphia Indica*; now and for many years Editor-in-Chief, *Acta Orientalia*, organ of the Oriental Societies of Norway, Denmark, and Holland. Founder of the Indian Institute, University of Oslo; founder, Norwegian Oriental Society, 1921. Biography in *Hvem er hvem?*, Oslo, 1912; *Wer ist's*, Berlin, current issues; *Aschehougs Konversationsleksikon*, Oslo, 1925; *Salmonsens Konversations Leksikon*,



Copenhagen; *New International Encyclopedia*, New York, and numerous other biographical works in various languages. Born in Vang, Valdres, 1867; brother, Karl Konow, is a well-known painter, awarded a medal at the Paris Exposition, 1900.

**KRISTENSEN, WILLIAM BREDE**, Student, University of Oslo; University of Leyden under Prof. Tiele, 1890-92; in Paris under Maspero, 1892-93; University of Oslo under Prof. Lieblein; in London, 1895; Ph.D., University of Oslo, 1896. Professor of History and Philosophy of Religion, University of Leyden, Leyden, Holland, 1901 to date (succeeding his former teacher, Prof. Tiele). Stipendiat in History of Religion, University of Oslo, 1898-1901. Author: *Ägypternes forestillinger om livet efter døden i forbindelse med guderne Ra og Osiris*, thesis for Ph.D.; also various articles published in *Theologisch Tijdschrift*, of which he was co-editor, 1903-07. Member, Royal Academy of Science, Amsterdam. Biography in *Hvem er hvem?*, Oslo, 1912; *Aschehougs Konversationsleksikon*, Oslo, 1925; *Salmonsens Konversations Leksikon*, Copenhagen. Born in Christiansand S., June 21, 1867; son of Rev. Kristen N. and Karoline E. (Björnson) Kristensen; nephew of Björnstjerne Björnson, the poet.

**KROGH, MENTZ VON, M.D.**, Professor of Bacteriology, University of Cordoba, Cordoba, Argentina, South America, for a number of years to 1916; Physician, Buenos Aires, Argentina, 1916 to date; Physician to Rawson municipal hospital, Buenos Aires, 1927—. President, Norwegian La Plata Society, 1927—. Listed in *Who's Who in Science—International*, London, 1914.

**KROHG, CHRISTIAN**, Pupil of Gussow, Karlsruhe and Berlin. Instructor in Art, Academie Colarossi, Paris, France, 1901-09. Professor and Director, Academy of Painting and Sculpture, Oslo, Norway, 1909-25. Noted painter; rep-

resented by works in the National Art Gallery, Oslo; R. Meyer's Art Collection, Bergen; National Museum, Stockholm; Museum of Art, Copenhagen; Art Gallery, Dresden; and Columbian Exposition, Chicago, 1893. Author: *Kampen for tilværelsen*, a selection of his literary works, 4 Vols., Oslo, 1920-21. Knight, Belgian Order of Leopold; Knight, French Legion of Honor. Biography in *Encyclopedia Britannica*, 13th ed.; *Aschehougs, Salmonsens*, and *New International Encyclopedias*, and numerous other biographical works. Born in Oslo, 1852; died in Oslo, 1925; father of P. L. Krohg (q.v.).

**KROHG, PER LASSON**, Pupil of his father, Christian Krohg, Academie Colarossi, Paris; Matisse, Paris. Instructor in Art, Academie Montparnasse, Paris, France, now and for many years. Painter; has exhibited works in the Grand Palais, Paris, 1901; Copenhagen, 1910; and repeatedly in Paris. Represented by works in various art collections. Biography in *Hvem er hvem?*, Oslo, 1912; *Aschehougs Konversationsleksikon*, Oslo, 1925. Born at Aagaardsstrand, 1889; son of Prof. Christian Krohg (q.v.); mother, Oda (Lasson) K., is a well-known painter, represented by works in the National Art Gallery, Oslo, and in the National Museum, Stockholm (see *Aschehougs Konversationsleksikon*).

**LANGE, GUNNAR ANFIN**, Graduate, Military Academy, Oslo, 1876. Professor of Topography, National University of La Plata, La Plata, Argentina, S. A., 1906-09. Officer in the Norwegian army, on active duty, 1876-83; surveyor in the United States, 1883—?; Organizer of the artillery unit, army of the Republic of Honduras, C. A., and Chief of Artillery with the rank of Lieutenant-Colonel; Surveyor in the Tacuman and Catamarca provinces, Argentina, S. A., 1886-88; Chief of the General Assessment Commission, Catamarca province, 1888-92; Chief of the Topographical Section, La Plata Museum, 1892-96; Assistant Chief (actually the leader, Dr. F. P. Mo-

reno being the nominal chief) of the Argentine-Chilean Boundary Commission, 1897-1900 (being largely instrumental in securing a decision favorable to Argentina); 2nd Chief of the Commission having charge of the extensive irrigation projects in the Rio Negro valley, 1899—?; Chief of the Hydro-metric Section, Argentine Weather Bureau, Buenos Aires, 1902-09 (at the same time serving as Professor at the University of La Plata, 1906-09); General Administrator of Colonia Alvear, Mendoza province, Argentina (111,195 acres, the property of Pedro Christopher-son, born in Tönsberg), 1909-15. Served as President Municipal of the city of Alvear, 1911-14; Leader of an expedition exploring the Pilcomayo River, reaching the Buena Ventura colony, near the border of Bolivia, on Dec. 2, 1905, 1905-06. **Author:** *Manual de Topografía*, 1898; *Rio Negro y sus afluentes. Estudio hidrometrico y proyecto de obras de regularizacion*, Buenos Aires, 1904; *The River Pilcomayo from its discharge into the River Paraguay to Parallel 22°*, Buenos Aires, 1906; *Rio Pilcomayo Exploracion 1905-06*; map of the Catamarca province, published by the La Plata Museum; maps of the Rio Negro valley, parts of the Mendoza province, and other parts of Argentina. **Biography** in *International Who's Who*, New York, 1912; *Nordmandsforbundet*, Sept. 1914, Aug.-Sept. 1915, and Jan. 1916; *Aschehougs Konversationsleksikon*, Oslo, 1925; *Salmonsens Konversations Leksikon*, Copenhagen. **Born** in Oslo, 1855; died in Argentina, July 28, 1915; daughter, Norah Lange, is on the staff of *La Nacion*, largest newspaper of Buenos Aires, and the author of several books.

**LASSEN, CHRISTIAN**, educated at Universities of Oslo, Heidelberg, and Bonn; Researches in London and Paris, 1824-26. **Professor of Indology, University of Bonn, Bonn, Germany, 1830-1868.** Lecturer, University of Bonn, 1827-1830. **Author:** *Essai sur le Pali* (with E. Burnouf), 1827; book on the dialects of Central India, the chief work in that field from 1837 to

1900; *Indische Altertumskunde*, 4 Vols., 1847-61, 2nd ed. of vols. I and II, 1867-74, "a monumental critical history of Indian civilization," which remained until 1922 the most important work on the languages, literature, religion, philosophy, history, and culture of ancient India (*Salmonsens Konversations Leksikon*); also numerous other works in French, German, and Latin. **Editor** of many texts and works in various languages. Worked out for the first time the chronology of the history of ancient India. Made Bonn the world center of Sanskrit learning. After his retirement from active teaching, donated a large part of his select library to the University of Oslo. Called the founder of Indian philology by *Winkler Prins' Geillustreerde Encyclopaedie*, Amsterdam; called the founder of the science of indology in Germany by *Brockhaus' Konversations Lexikon*, Berlin and Vienna; called the founder of the science of indology by *Meyers Konversations-Lexikon*, Leipzig and Vienna. **Biography** also in *New International Encyclopedia*, New York; *Encyclopedia Britannica*; *Allgemeine Deutsche Biographie*, Vol. XVII, Leipzig, 1883; and the standard biographical works of all civilized languages (one of the best biographies of him being that written by Dr. Sten Konow in *Salmonsens Konversations Leksikon*, Copenhagen). **Born** in Bergen, 1800; died in Bonn, 1876.

**LEKVE, ENDRE**, Student, Technische Hochschule, Hannover, Germany, 1856-1859. **Professor of Structural Engineering, Institute of Technology, Helsingfors, Finland, for many years to 1882.** Teacher of Structural Engineering, Technical School, Helsingfors, from 1860 until the School became the Institute of Technology, since which time his rank was that of Professor. Highly esteemed teacher and practical engineer. Commemorated by a portrait bust in the auditorium of the Institute of Technology, Helsingfors. **Biography** in *Aschehougs Konversationsleksikon*, Oslo, 1925. **Born** in Ulvik, Hardanger, 1833; died 1882.



**LIE, SOPHUS**, Cand. Real., University of Oslo, 1865; Ph.D., University of Oslo, 1871. Professor and Director of the Mathematical Institute, University of Leipzig, Leipzig, Germany, 1886-1898 (succeeding Felix Klein). Extraordinary Professor of Mathematics, University of Oslo, 1872-1886; Professor of Mathematics, University of Oslo, 1898-99. **Author:** *Theorie der Transformationsgruppen*, 3 vols., Leipzig, 1888-1893, "a work of wide range and great originality, by which probably his name is best known" (*Ency. Brit.*); *Vorlesungen über differentialgleichungen mit bekannten infinitesimalen Transformationen* (with F. Engel), 1891; *Vorlesungen über continuirlichen Gruppen*, 1893; *Geometrie der Berührungstransformationen*, Leipzig, 1896; also numerous papers published in *Comptes Rendus*, *Mathematische Annalen*, *Archiv for Matematik og Naturvidenskab*, *Göttinger gelehrte Anzeiger*, *Kristiania Videnskabselskabs Skrifter*, *Monatsberichte der Berliner Academie*, and other journals (manuscripts left at the time of his death covered 20,000 folio pages; Collected Works published in 7 vols.). Founder, about 1870, of the theory of continuous transformation groups; developed the theory of differential equations. Classed as one of the world's outstanding mathematicians. Corresponding member, Academie de France; foreign member, Royal Society, London; Honorary member, Cambridge Philosophical Society; Honorary member, London Mathematical Society. Awarded the Lotbachevsky Prize for his researches and discoveries in mathematics. **Biography** in G. A. Miller's *Historical Introduction to Mathematical Literature*, pp. 265-268, Macmillan Company, New York, 1916; *New International Encyclopedia*, New York; *Encyclopedia Britannica*; and standard biographical works in all languages. **Born** at Nordfjordeid, Dec. 17, 1842; died in Oslo, Feb. 18, 1899.

**MARSTRANDER, CARL JOHAN SVERDRUP**, Educated, University of Oslo. **Professor of**

**Celtic and Comparative Philology, School of Irish Learning**, Dublin, Ireland, 1909-13. Universitetsstipendiat, University of Oslo, 1908-09; Extraordinary Professor of Celtic, University of Oslo, 1913 to date. **Author** of many scientific papers published in *Erin*, *Zeitschrift für Celtische Philologie*, Vol. 7, *Indo-germanische Forschungen*, Vols. 20 and 22, *Transactions of Oslo Academy of Science*, 1909, and other journals. **Editor** of various Irish texts; Co-editor, *Erin*, 1910-14; Editor-in-Chief, 1910-14, of the large Irish dictionary in the course of publication by the Royal Academy of Dublin. **Biography** in *Hvem er hvem?*, Oslo, 1912; *Aschehous Konversationsleksikon*, Oslo, 1925; *Salmonsens Konversations Leksikon*, Copenhagen. **Born** in Christiansand S., Nov. 26, 1883.

**MORGENSTIERNE, GEORG V.**, Ph.D., University of Berlin, 1918. Professor of Indian Philology, Gottenborg College, Gottenborg, Sweden, Jan. 1, 1930—. Universitetsstipendiat in Indian Philology, University of Oslo, 1918-30. Carried on extensive linguistic researches in Afghanistan, about 1925; Lecturer on the results of those researches, British School of Oriental Languages, London, 1927. **Author:** *Über das verhältnis zwischen Cārudatta und Mrcchakātica* (thesis for Ph.D.), Leipzig, 1921; "Iranian Notes," *Acta Orientalia*, Vol. 1, 1923; results of his studies in Afghanistan published by the Institute for Research into Comparative Culture, Oslo, 1926 (highly commended by Sir George Grierson in *Journal of Royal Asiatic Society*, 1927). **Biography** in *Aschehous Konversationsleksikon*, Oslo, 1925, and various other publications. **Born** in Oslo, 1892.

**NEUPERT, EDMUND**, Pupil of his father, Hermann Neupert, Oslo; Kullak and Kiel, Berlin. **Head Professor of Piano, Imperial Conservatory of Music**, Moscow, Russia, 1880-81 (1881-82?), succeeding the famous Nikolas Rubinstein. Teacher at Kullak's Academy, Berlin; Teacher, Stern Conservatory,

Berlin, 2 years; Head Piano Teacher, Conservatory of Music, Copenhagen, 1868-80; Teacher and Concert Pianist, Oslo; private teacher and concert pianist, Boston and New York, 1882-88 (1883-88?). Frequent concert tours of Europe; one of the great pianists of his time. His compositions have been published in 30 parts. **Biography** in *Grove's Dictionary of Music and Musicians*, New York; Baker's *Dictionary of Musicians*, New York, 1919; *Riemann's Musik-Lexikon*, Berlin, 1922; *Aschehougs Konversationsleksikon*, Oslo, 1925; *Das Neue Musik-Lexikon*, Berlin, 1926; *Noted Names in Music*, Boston, 1927; *Salmonsens Konversations Leksikon*, Copenhagen; and numerous other musical and biographical works. **Born** in Oslo, April 1, 1842; died in New York, June 22, 1888; buried in Oslo.

**NIEUWEJAAR, OTTO**, Student, Bergens Kathedralskole; Graduate, Os College of Forestry, Norway, 1914; B.S.F., University of Toronto, 1917; M.A. (in Economics), *ibid.*, 1919; Post-Graduate Work in Economics, Kiel University, 1921-22, and Rostock University, 1922-23; Post-Graduate Student, Agricultural College of Norway, 1923-24; Ph.D., Yale University, 1930. **Chair of Silviculture and Forest Protection**, Faculty of Agriculture and Forestry, University of Latvia, Riga, Latvia, 1924-27. **Forest Economist**, Forest Taxation Inquiry, U. S. Forest Service, New Haven, Conn., 1928—. **Author** of numerous articles in various journals. **Born** in Bergen, Norway, Feb. 15, 1895.

**NISSEN, ERICA LIE** (Fru Oscar Nissen), Pupil of Halfdan Kjerulf, and Prof. Kullak, Berlin. **Professor of Piano**, Conservatory of Music, Copenhagen, Denmark, 1870-1874 (?). Formerly teacher at Kullak's Academy, Berlin; Concert Pianist; tours of Germany (gave 3 concerts during same season in the Gewandhaus, Berlin), Denmark, Sweden, England, Holland (invited to take part in the jubilee concert given in honor of the King of Hol-

land), Switzerland, and Norway; Teacher and Concert Pianist, Oslo, from 1877. Honorary member, Royal Swedish Academy of Music, Stockholm. Intimate friend of Rikard Nordraak, the composer; on the margin of a letter written to her and her sister, Ida Lie, was "published" for the first time what later became the national air of Norway, "Ja, vi elsker dette landet." **Biography** in Baker's *Biographical Dictionary of Musicians*, New York, 1900, 1919; *Riemann's Musik-Lexikon*, Berlin, 1922; *New Encyclopedia of Music and Musicians*, New York, 1924; *A Modern Dictionary of Music and Musicians*, London and New York, 1924; *Aschehougs Konversationsleksikon*, Oslo, 1925; *Das Neue Musik-Lexikon*, Berlin, 1926; *Abert's Illustriertes Musik-Lexikon*, Stuttgart, 1927; *Salmonsens Konversations Leksikon*, Copenhagen; and numerous other biographical works. **Born** 1845; died 1903; son, Karl Nissen (1879-1920), was a noted concert pianist; great-aunt of Dr. Elizabeth Nissen (q.v. in list of American educators).

**PETZOLD, HANKA SCHJELDERUP** (Mrs. Bruno Petzold), Student, Conservatoire de Musique, Paris; Pupil of her mother, Bergen; Franchomme, Chopin, Thomé, Delaborde, Delsart, Mme. Joëll, Mme. Marchesi, Paris; Liszt, Weimar; Frau Retter (niece of Wagner), München (all of whom were also her intimate friends and associates). **Professor of Voice and Piano**, Imperial Academy of Music (Ueno Academy), Tokyo, Japan, 1909-24. Formerly concert pianist and soprano, appearing in concerts with Mme. Marie Joëll, members of La Société Nationale, and other artists, and giving annual concerts of her own, in Paris; Concerts in München and Dresden, in the latter with Nicodé; in Beethoven Hall, Berlin; in Oslo, where she played for H. M. King Oscar II; in Copenhagen and Zurich; at St. James Hall, and in Queen's Hall Concerts under the direction of Sir H. J. Wood, London; in Leipzig, Edinburgh, Dublin, Tientsin, Tsingtao, Tokyo, and Yokohama. Pri-



vate teacher and concert pianist and soprano, Tokyo, since 1925. Took part in the last concert given by Ole Bull in Bergen, before going to Paris to study music. Introduced solo singing in Japan. Teacher of many internationally known vocal artists, including Tamaki Miura (Madam Butterfly), who has given concerts in London, Cairo, Italy, Spain, and throughout the United States, Canada, Mexico, South America, and the Orient. Called by the Japanese "the founder of the art of singing in Japan." Farewell concert given in her honor, and many beautiful gifts presented, upon her retirement from the professorship at the Academy of Music. On her visit to Norway in 1924, after an absence of 20 years, was awarded the Gold Medal of Merit by the King of Norway; received the thanks of the German Republic for her work in Japan, 1924; as a German subject by marriage, was not permitted by German law to accept Japanese decorations. "Madame Hanka Petzold was honored by her former pupils and graduates in a very interesting program of music at the Seinenkan before a very large audience of friends and admirers. For fifteen years Madame Petzold guided the musical footsteps of hundreds of pupils at the Ueno Academy of Music, many of them becoming well-known in the musical life of Japan today. \* \* \* She is still taking an active part in musical life and has a large group of devoted pupils who come to her home in Azabu. In grateful recognition of her devoted work and her unfailing enthusiasm and help, these pupils have formed the 'Nadeshko Society' the plan of which is to hold an annual concert in honor of their teacher and friend. Saturday's concert was the first to be given under this plan. \* \* \* that it was a success was attested to by the abundant enthusiasm displayed and the excellence of the music performed. At the close of the concert Madame Petzold received many bouquets of beautiful flowers and the hearty and sincere congratulations from all her former and

present pupils who attended and form a host of her friends, many of whom she has known ever since she first came to Japan nearly twenty years ago." *The Japan Advertiser*, Tokyo, Feb. 28, 1928. "On Saturday afternoon, February 25, the large auditorium of the Seinenkan was filled to overflowing by friends and admirers of Professor Hanka Petzold. \* \* \* the great popularity of Madame Petzold speaks for itself. This lady who is embodied music, was for 15 years the presiding feminine genius of the Ueno Academy and an uncalculated moral force in that institution. \* \* \* Some of them (her pupils) have since become noted in America and Europe \* \* \*. The concert proceeded to its end punctuated by unstinted applause, an enormous success, both socially and artistically. It has been the custom for some years for the pupils to arrange an honor-benefit for Madame Petzold, but this was in many ways the best yet given, with more enthusiasm, rising to a veritable crescendo of elan." *Japan Advertiser*, March 4, 1928. See also *ibid.*, Nov. 22, 1927. *Biography in The Japan Directory*, 1923; *A Modern Dictionary of Music and Musicians*, London and New York, 1924; *Das Neue Musik-Lexikon*, Berlin, 1926; *Visergutten*, Canton, S. Dak., Aug. 14, 1930. Born in Christiansand S.; brought up in Bergen; sister, Leis Schjelderup, is a portrait painter of Copenhagen; brother, Gerhard R. Schjelderup, dramatic opera composer, "stands as the most eminent music-dramatist Norway has produced" (*A Modern Dictionary of Music and Musicians*, London and New York, 1924; see also *Aschehougs Konversationsleksikon*, Oslo, 1925; *Salmonsens Konversations Leksikon*, Copenhagen; and musical reference works in English and German).

**SMITH, CARL FRITHJOF**, Pupil of Prof. Löfftz, Munchen, 1880-1884. Professor of Art, Academy of Art, Weimar, Germany, since 1890. Noted painter; represented by works in various art museums of Germany, Sweden, Norway, and United States, includ-

ing the painting "Hospital Garden" in Milwaukee, Wis. Awarded Gold Medal, Berlin, 1886; Gold Medal, Munchen, 1888; Art and Science Medal, first class; Jubilee Medal. Decorated with the Saxe-Weimar Order of the White Falcon. Biography in *Hvem er hvem?*, Oslo, 1912; *Aschehougs Konversationsleksikon*, Oslo, 1925; *Salmonsens Konversations Leksikon*, Copenhagen. Born in 1859.

**STANGELAND, CHARLES E.**, see list of American educators.

**STORM, JOHAN**, Graduate, Horten Technical School. Professor of Bridge Construction, University of Montevideo, Montevideo, Uruguay, S. A., for a number of years about 1908. Distinguished engineer in Montevideo during last 40 years; Inspector for the Uruguay government during the building of the large harbor works in Montevideo by a French engineering firm; Chief Engineer of Road, Harbor, and Bridge Construction in Uruguay; Builder of several railways in that country; Vice-President and member of the Board of Directors of the Government Railways, Uruguay. Elected President of Club Uruguay, the country's foremost social club, the presidency terminating in 1930 in the presence of the President of the Republic of Uruguay.

**STRAND, EMBRIK**, Examen Philosophicum (laud. prae ceteris), University of Oslo, 1897; Graduate Student, University of Marburg; Dr.h.c., University of Riga, 1929. Professor of Zoology, Director of the Institute of Systematic Zoology, and Director of the Hydrobiological Station, University of Riga, Riga, Latvia, 1923 to date. Zoologist, Museum of the University of Oslo, and Fellow of the University for travel and study of the fauna of various parts of Norway, 1898-1903; Zoologist, Museums of Stuttgart and Frankfurt a. M., 1905-07; Zoologist, Zoological Museum, Berlin, 1907-12; Zoologist, Zoological Museum, Berlin, and Entomological Museum, Ber-

lin-Dahlem, 1912-22. **Author:** *Norske Fuglar*, Oslo, 1901; *Lepidoptera Niepeltiana*, I-II (with 18 plates), W. Niepelt, Zirlau, 1914-18; *Biographical-Entomological Dictionary* (in press); contributions to Seitz' *Gross-Schmetterlinge du Erde*, *Lepidopterorum Catalogus*, *Fauna Arctica*, and various other scientific works; "Japanische Spinnen" (with W. Bösenberg), published in *Abhandl. d. Senckenberg. Naturf. Gesellschaft Frankfurt a. M.*, Vol. 30, 1906, 330 pp. with 7 plates; also about 1,200 other publications in the field of zoology, entomology, biography, and travel contributed to scientific works and journals in Germany, Austria, Norway, Holland, Switzerland, Belgium, and France, including the following: *Archiv für Naturgeschichte* (215 articles), *Jahrbücher des nassauischen Vereines für Naturkunde* (123 articles), *Nyt Magazin for naturvidenskaberne* (20 articles), *Societas Entomologica* (23 articles), *Internat. Entomol. Zeithandl. d. zool.-bot. Gesellsch. in Wien*, *Zeitschrift für Naturwissenschaften* (Halle a. S.), *Zoologischer Anzeiger*, *Zoologische Jahrbücher*, *Zoologisches Zentralblatt*, *Annales Soc. Entom. de Belgique*, *Archiv for matematik og naturvidenskab*, *Berliner Entomologische Zeitschrift*, *Deutsche Entomologische Zeitschrift*, *Entomologische Mitteilungen* (21 articles), *Entomologische Rundschau* (29 articles), *Entomologische Zeitschrift* (Frankfurt a. M.), *Entomologisk Tidsskrift* (14 articles), *Mitteilungen aus dem Zoologischen Museum in Berlin*, *Revue Zoologique Africaine*, *Wiener Entomologische Zeitung*, and numerous other scientific journals; a list of his zoological publications for the period 1897-1918, was published in *Archiv für Naturgeschichte*, Vol. 83, No. 7, pp. 24-36, and a list of his entomological publications, 1897-1918, appeared in the *Wiener Entomologischen Zeitung*, Vol. 37, 1918. Editor: *Archiv für Naturgeschichte*, 1910-29; *Entomologische Zeitschrift* (Frankfurt a. M.), 1 year; *Lepidopterorum Catalogus*, 1922 to date; *Folia Zoologica et Hydrobiologica* (Riga), 1929—. One of the most productive authors of the present day in



the field of systematic zoology. **Member:** Leopold-Carol Akademie der Naturforscher, Halle; Société Zoologique de France; honorary member, Internationaler Entomologischer Verein; corresponding member of numerous entomological and natural science societies; Fellow, Zoological Society, London; Fellow, Linnean Society, London; Fellow, Entomological Society, London; Member of Board of Directors, The Learned Society, University of Riga. 147 new animal forms, including several genera, have been named in honor of Prof. Strand. **Biography** in *Who's Who in Science—International*, London, 1914; Degener's *Werist's*, Berlin, 1928; Bilman's *Latvijas Republika desmit pastavesanas gados*, Riga, 1928; Lüdtke's *Kurschners Deutscher Gelehrten-Kalender*, Berlin and Leipzig, 1928-29; Kröder's *Latvijas Darbinieku Galerija*, Riga, 1929; *Studenterne fra 1895*, Grøndahl & Sons, Oslo, 1920; Thesing's *Biologenkalender*; W. Junk's *Jubiläumskatalog*, 1924; Junk's catalog *Lepidoptera*; a biographical work by Prof. Cockerell; *Den 17 de Mai*, Jan. 1923, No. 7, and July 1924, No. 171; *Aftenposten*, Jan. 1923, No. 15, and July 1924, No. 419; *Verdens Gang*, Jan. 1923, No. 7; *Morgenposten*, Jan. 1923, No. 13, and July 1924, No. 170; *Örebladet*, Jan. 1923, No. 13; *Dagbladet*, Jan. 1923, No. 12, and July 1924, No. 169; *Nationen*, Jan. 1923, No. 17, and July 1924, No. 171; *Visergutten*, Canton, S. Dak., Aug. 7, 1930; also various other publications. **Born** in Aal, Hallingdal, June 2, 1876; still a citizen of Norway; wife, Ida Sofie Augusta (Kinck) S., sister of the late Hans E. Kinck, one of Norway's most distinguished authors; uncle, Rev. Svein O. Strand, of Wallingford, Iowa, was a Teacher at the Lutheran Normal School, Madison, Minn., 1907-17 (see *School Calendar*).

**SVENDSEN, OLUF**, Student, Brussels Conservatory. **Professor of Music**, Royal Academy of Music, London, England, 1866-1888. Played with Jullien, and at the Crystal Palace, London; Soloist, Queen's private band, London,

from 1860; Soloist, Philharmonic Society, London, from 1861. "Exceptionally fine artist." **Biography** in Baker's *Biographical Dictionary of Musicians*, New York, 1900; Riemann's *Musik-Lexikon*, Berlin, 1922; *Reeves' Biographical Dictionary of Musicians*, London, 1926; *Salmonsens Konversations Leksikon*, Copenhagen. **Born** in Oslo, April 19, 1832; died in London, May 18 (or 15?), 1888.

**TITLESTAD, RICO MARTIN**, B.A., Natal University College, Pietermaritzburg, South Africa, 1918; M.A., Natal University College, 1919; LL.B.; B.A., Oxford University, 1925. **Lecturer**, Transvaal University College, University of South Africa, Pretoria, Union of South Africa, now and for a number of years. Rhodes Scholar from the Union of South Africa, Oxford University, England, 1922-25. **Born** in South Africa; paternal grandparents, Rev. Karl L. Titlestad, and wife, nee Haaland, both from the vicinity of Bergen, served as missionaries of the Norwegian Missionary Society in Natal and Zululand, 1863-1890, and are still remembered and loved by many natives and others for their long, faithful, and self-sacrificing work; father, Hon. P. E. Titlestad, is a Justice of the Peace, Sworn Appraiser, Postmaster, Farmer, and Merchant at Qudeni, near Krantz-kop, Zululand, with branches at Ensingabantu, Ukandhla, Mangeni, and Isandhlwana, Zululand (see *Braby's Natal Directory*); uncles: Rev. L. M. Titlestad, local Head of the mission of the Norwegian Missionary Society, Zululand; E. Titlestad, prominent trader and farmer at Ulingwe, Ukandhla Division, Zululand, of great service as guide and intelligence officer during the Zulu Rebellion of 1906; N. Titlestad, Manager of a business in the Eshowe Division, Zululand (son studying to become a missionary); and Dr. K. J. Titlestad (took M.D. degree at a university in England), Physician in Zululand; brother of Victor A. Titlestad (q.v. in list of Rhodes scholars. For an account of the Titlestad family

in South Africa, see *Visergutten*, Canton, S. Dak., July 31, 1930).

**WILLE, JOHAN N. F.**, Ph.D., University of Oslo, 1885; Hon. Ph.D., University of Upsala, 1907. Professor of Botany, Stockholm College, Stockholm, Sweden, 1886-1889; Teacher, Agricultural College, Aas, Norway, 1889-1893; Professor of Botany and Curator of

the Botanic Garden, University of Oslo, 1893-1924 (?). Pursued algal studies in the Adriatic Sea, Caspian Sea, and in Turkestan. Author of numerous treatises on algae, and the morphology, physiology, and anatomy of plants. Biography in *Hvem er hvem?*, Oslo, 1912; *Aschehougs Konversationsleksikon*, Oslo, 1925. Born 1858; died 1924.

#### ADDENDA

**MARSTRANDER, C. J. S.** Author of a treatise appearing in Feb. 1928, in which he seeks to show that the Runes are derived from a late Northern Etruscan alphabet. For a discussion of this "very weighty treatise," see *Encyclopedia Britannica*, 1929 ed., vol. 19, p. 660. Biography on page 283.

**NAGELL, TRYGVE**, Ph.D. Professor of Mathematics, University of Upsala, Sweden, 1931—. Former-

ly Docent at the University of Oslo. Member of various learned societies.

**SCHJELDERUP-EBBE, THORLEIF**, Ph.D. Appointed Professor of Sociology at the recently-established new University of Paris, Paris, France, 1931, according to announcement in *Nordmands Forbundet* (Oslo), April 1931. Author of numerous treatises in the field of sociology. Member of the Academy of Science, Coimbra, Portugal.



## HISTORICAL AND OTHER NOTES

### FIRSTS

The first Norwegian-born student at an American college of whom the present investigator has found any trace, was "Hans Hendrickson, Norway," listed as a member of the Sophomore class of Beloit College in 1852-1853, the first class of that college having been graduated in 1851; Hans Hendrickson was a member of the Junior class of that college in 1853-1854, and of the Senior class in 1854-1855, when he died.

The two first persons born in Norway to take the degree of Doctor of Philosophy at any American university were Dean Magnus C. Ihlseng, who took his Ph.D. at Columbia University in 1877 (which was the third year in which Columbia University conferred this degree), and the late Dr. Anton B. Sander, who took his Ph.D. at Yale University in 1877.

The three first Norwegian-Americans to take their Doctor of Philosophy degree at Yale University were Anton B. Sander, Ph.D., 1877; Thorstein B. Veblen, Ph.D., 1884; and Olaus Dahl, Ph.D., 1889.

The three first Norwegian-Americans to take their Doctor of Philosophy degree at Columbia University were Magnus C. Ihlseng, Ph.D., 1877; George T. Flom, Ph.D., 1899; and Charles E. Stangeland, Ph.D., 1904.

The first Norwegian-American to take an advanced degree at Harvard University appears to have been President Aven Nelson, who took his Master of Arts degree there in 1892. And the first Norwegian-born person to take his Doctor of Philosophy degree at Harvard appears to have been Professor Andrew R. Anderson, who took it in 1903.

The eight (?) first Norwegian-Americans to take their Doctor of Philosophy degree at the University of Minnesota were Nils Flaten, Ph.D., 1900; Adolph O. Eliason (?), Ph.D., 1901; Elias Rachie, Ph.D., 1901; Thomas Geisness, Ph.D., 1902; Paul M. Glasoe, Ph.D., 1902; Henry A. Erikson, Ph.D., 1908; Olaf Morgan Norlie, Ph.D., 1908; and Gustav O. Brohaugh, Ph.D., 1909.

In June, 1929, the School of Education of the University of North Dakota conferred its first Doctor of Philosophy degree upon J. Frederick Weltzin (q. v.), of Mayville, North Dakota.

Special efforts have been made to find traces of educators descended from the Norwegian immigrants who settled in the States of New York, Delaware, Pennsylvania, and North Carolina from 1630 to 1762. A number of Hagens, Holters, and others in Pennsylvania and elsewhere state that family tradition has it that their ancestors originally came from Norway. However, they are not in a position at this time to vouch for the accuracy of this tradition, and as their families have lived in the United States for many generations, the biographies of these educators have not been included in this work. There is one professor, however, whose Norwegian ancestor arrived in the city of New York in 1680, whose biography is given herein because of the interest attaching to the family history.

So far as the present investigation has disclosed, the first person of Norwegian ancestry to serve as Instructor in an American university was the Hon. Rasmus B. Anderson, appointed Instructor in Languages at the University of Wisconsin in 1869. It seems a remarkable fact, and one which testifies to the sturdiness of the race, that the first Instructor, Professor Anderson, is still living and active.

The first person born in Norway to be appointed Instructor in an American college or university was the late Professor Peter Hendrickson, who was appointed Instructor in Greek at Beloit College in 1870; he was the first person of Norwegian stock to be appointed full Professor at an American college or university, appointed Professor of Modern Languages at Beloit (Wisconsin) College in 1871.

The first Norwegian-born educator to serve as Dean was Dr. Magnus C. Ihlseng, who became Dean of the School of Mines at Pennsylvania State College in 1893.

The first Norwegian immigrant lad to become President of an American university was Dr. Edward Olson, whose term as President of the University of South Dakota began in 1887.

The first man born in Norway to become President of an American State agricultural college was Dr. John A. Widtsoe, who became President of the Agricultural College of Utah in 1907; he was the second Norwegian-born person to become President of an American State university, the University of Utah, in 1916.

The first American-born educator of Norwegian parentage to become President of an American State university was Dr. Aven Nelson, who became President of the University of Wyoming in 1917, after having served as Acting President for five years.

The first Norwegian-born educator to become President of an American municipal university was Dr. Harold W. Foght, who became President of the University of Wichita in 1927, after having served for eight years as President of a leading teachers college, being also the first person born in Norway to become President of an American State teachers college.

The two first books by Norwegian-Americans published in this country were R. B. Anderson's *America Not Discovered by Columbus* and H. H. Boyesen's *Gunnar*, both published in book form in 1874.

### CHRONOLOGY

Year	Name	Began service as
1869	R. B. Anderson,	Instructor in Languages, University of Wisconsin.
1871	Peter Hendrickson,	Professor of Modern Languages, Beloit College.
1887	Dr. Edward Olson,	President of the University of South Dakota.
1893	Dr. M. C. Ihlseng,	Dean of School of Mines, Pennsylvania State College.
1897	Prof. John G. Halland,	State Superintendent of Public Instruction, North Dakota.
1905	Dr. Alfred Owre,	Dean of College of Dentistry, University of Minnesota.
	Prof. C. W. Thompson,	Director of School of Commerce, University of South Dakota.
	Dr. J. A. Widtsoe,	Director of School of Agriculture, Young University.
1906	Dean M. C. Ihlseng,	President of Blairsville College.
	H. A. Ustrud,	State Superintendent of Public Instruction, South Dakota.
1907	Prof. Alf Klingenberg,	Dean of School of Fine Arts, Washburn College.
	Prof. C. P. Lommen,	Dean of School of Medicine, University of South Dakota.
	Dr. J. A. Widtsoe,	President of Agricultural College of Utah.
1909	Prof. Frank Morton Erickson,	Dean of Ripon College.
	Dr. Julius Olsen,	Dean of College of Liberal Arts, Simmons University.



- 1910 Prof. Arden R. Johnson, Director Engineering College, De Paul U.  
1911 Prof. C. G. Lawrence, State Superintendent of Public Instruction, South Dakota.  
1912 Dr. Aven Nelson, Acting President of the University of Wyoming. Gustav S. Petterson, Dean School of Education, Dakota Wesleyan U.  
1913 Prof. Martin Nelson, Dean of College of Agriculture, University of Arkansas.  
Prof. Osborne J. P. Widtsoe, President of L. D. S. University.  
1914 Prof. A. A. Johnson, Director New York Institute of Applied Agriculture.  
1915 Prof. L. T. Larsen, Dean of Talladega College.  
1916 Pres. J. A. Widtsoe, President of the University of Utah.  
1917 Dr. H. W. Foght, Chief of Rural School Division, United States Bureau of Education, Washington, D. C.  
Dr. Aven Nelson, President of the University of Wyoming.  
Elsa Ueland, President of Carson College.  
1918 Prof. M. L. Andreasen, Dean Union College, Lincoln, Neb.  
Prof. Knute Froysaa, Dean of Department of Music, State Teachers College, Valley City, North Dakota.  
1919 Dr. John O. Evjen, President of State Teachers College, Mayville, North Dakota.  
Dr. H. W. Foght, President of Northern State Teachers College, Aberdeen, South Dakota.  
Dean Alf Klingenberg, Director of Eastman School of Music, University of Rochester.  
Prof. C. G. Lawrence, President of Southern State Teachers College, Springfield, South Dakota.  
1920 Dr. L. M. Larson, Head of Department of History, University of Illinois.  
1921 Prof. John O. Hall, Dean Graduate School, Research University.  
Benj. O. Wist, President of Territorial Normal School, Honolulu, Hawaii.  
1922 Prof. Albert Lukken, Dean of the School of Fine Arts, University of Tulsa.  
1923 Dean L. T. Larsen, Dean of Straight College.  
Dr. W. H. Moursund, Dean Baylor University College of Medicine.  
Prof. C. C. Swain, President of State Teachers College, Mayville, North Dakota.  
1925 Dean F. M. Erickson, Dean of College of Liberal Arts, Willamette University.  
Dr. C. L. Kjerstad, Dean of Faculty, State Teachers College, Valley City, North Dakota.  
1926 Dr. D. A. Anderson, President of Kent State Normal College.  
A. R. Bergesen, President of Fargo College.  
Dr. Albert C. Knudson, Dean of School of Theology, Boston University.  
1927 Pres. H. W. Foght, President of the University of Wichita.  
Dean Alfred Owre, Dean of School of Dental and Oral Surgery, Columbia University.  
1928 Pres. D. A. Anderson, President of Northern State Teachers College, Aberdeen, South Dakota.  
Prof. Robert M. Dolve, Dean of the School of Mechanic Arts, North Dakota Agricultural College.  
Dr. Chas. E. Hill, Dean of Columbian College, George Washington University.  
Dr. Olaf Morgan Norlie, Dean of Hartwick College.  
1929 Dean C. L. Kjerstad, President of State Teachers College, Dickinson, North Dakota.  
1931 Dean M. L. Andreasen, President of Union College, Lincoln, Neb.

## NORWEGIAN-AMERICAN COLLEGES

The desire for an education on the part of the Norwegian pioneers found expression to some extent in the establishment of academies and colleges of their own. Luther College was founded as early as 1861. This was the year of the founding of Massachusetts Institute of Technology. It was six years before the founding of the University of Illinois. Its founding preceded that of Ohio State University by twelve years; University of South Dakota by twenty-one years; and the University of Montana by thirty-four years. Its founding preceded that of twenty-four of our present State universities, while the States of Connecticut, Massachusetts, New Jersey, and Rhode Island have not established State universities to this day, although Rutgers University is gradually coming to be regarded as a State university. The founding of Luther College preceded that of 368 out of the 581 leading colleges and universities listed in the *World Almanac* for 1928. It has an annual enrollment of about 400 students; an examination of *Who's Who in America* reveals the fact that its alumni include not a few men of eminence.

St. Olaf College was founded in 1874; this was before the founding of the Universities of Arizona, Colorado, Idaho, Montana, New Mexico, North Dakota, Oklahoma, South Dakota, and Texas, and thirty-one years before the founding of the University of Florida. In 1915, this college was approved by the North Central Association of Colleges and Secondary Schools; in 1927, it was approved by the American Association of University Women; and in 1930, it was placed on the accepted list of colleges of the Association of American Universities. It has an annual enrollment of about 1,000 students, a faculty whose services are sought by leading American institutions, and a list of 2,180 living graduates (in 1927), who are serving as professors in leading American universities, as research workers in scientific institutions, or filling positions of importance in thirty-five American States, in Alaska, the District of Columbia, Canada, France, Madagascar, India, Burma, China, and the Philippine Islands.

There are also various other colleges, such as Augsburg College, Minneapolis, Minnesota, whose alumni include a number of men internationally known in various fields; Augustana College, Sioux Falls, South Dakota, whose work has recently attracted nation-wide attention; and Concordia College, Moorhead, Minnesota, with an enrollment (in 1928-29) of about 450 students from six American States and several foreign countries; the President, Dr. J. N. Brown, was elected President of the American Association of Colleges at its annual meeting in Chattanooga, Tennessee, January, 1929.

While on the subject of private schools, it should be noted that of the 975 different universities, colleges, and professional schools reported on by the United States Bureau of Education for the year 1925-26, only 154 were under public control, while the remaining 821 were under private control.

The Norwegian people in America, chiefly farmers, recently raised a sum of almost three million dollars for the endowment of the five colleges above named. In addition, they maintain about twenty junior colleges, academies, seminaries, and schools in various parts of the United States and Canada; they pay taxes for the upkeep of the tax-supported elementary schools, high schools, normal schools, agricultural and technical colleges, and State universities; and they pay out each year vast sums of money for tuition in State institutions, which they attend in such large numbers as often to form a very considerable percentage of the entire enrollment.



## DONATIONS TO PUBLIC INSTITUTIONS

The desire on the part of the Norwegian people to aid and promote education and scientific research is illustrated by the following:

The first loan fund for the aid of needy students established at the University of Wisconsin was donated by the late John A. Johnson (Gisholt), of Madison, Wisconsin, in 1878; the principal now amounts to about \$25,000, and is "the mainstay" of the funds administered by the faculty Committee on Loans of that university.

About 1910, Simon Benson of Portland, Oregon (see *Who's Who in America*), donated to the Board of Education of Portland the sum of \$100,000 for the establishment of a technical high school in that city.

In 1913, Frederick Engen, formerly of Grafton, North Dakota, bequeathed the sum of \$100,000 to the University of Saskatchewan, Canada, for the endowment of a chair of natural science and for independent scientific research.

In March, 1912, Peter W. Severson of Portland, Oregon, donated to Willamette University of Salem, Oregon, the sum of \$100,000.

The largest part of the \$300,000 estate of the late Torger G. Thompson, of Deerfield, Wisconsin, is understood to have been willed to the University of Wisconsin.

The late Victor Fremont Lawson, publisher of the *Chicago Daily News* and co-founder of the Associated Press (son of Iver Larson Boe from Voss), bequeathed the sum of \$350,000 to Berea (Kentucky) College, Northland College, Wheaton (Illinois) College, Yankton College, Chicago Theological Seminary, and two other institutions, and his total specific bequests for benevolent purposes aggregated \$2,205,000.

## NORWEGIAN CONTRIBUTION TO SCIENCE

In 1914, there was published in London a work entitled *Who's Who in Science—International*, containing biographical sketches of more than 9,000 scientists in all parts of the world. The "British element" in the book, according to its editor, "constitutes less than a quarter of the whole." In the grouping of the scientists according to their respective countries Dr. Ivar C. Bang (q.v.) is listed under Sweden; Dr. Mentz Krogh (q.v.) is listed under Argentina; Dr. Vilhelm Bjerknes (q.v.) and Dr. Embrik Strand (q.v.) are grouped under Germany; ten of the American scientists are of Norwegian birth or ancestry, and 250 other "Americans" were born in foreign countries. Taking the figures exactly as given in the book, however, leaving out of calculation the entire colored population of the United States as of 1910, and basing the calculation with respect to each of the twenty-five nations or geographical divisions upon the population statistics for the year nearest the period of 1912-14, the following situation is revealed:

For each million of her population Africa had .6 (six tenths) of a scientist; Asia had .3; Australasia (comprising Australia, Tasmania, and New Zealand) 25; Austria-Hungary 9.25; Belgium 12; Bulgaria 3; Canada 21; Denmark and Iceland 34; France 12.50; Germany 20.50; Great Britain 38; Holland 28; Italy 7; **Norway 70.67**; Portugal 8; Russia and Finland .79 (almost four-fifths); Servia .67; South and Central America .86 (almost nine-tenths of a scientist); Spain almost 3; Sweden 22.50; Switzerland 56.67; United States 19.67; while out of her entire population Roumania had 8 scientists listed, Greece had 2, the island of Malta 1, Poland and the other countries not named, none.

From these figures it appears that Norway had, in proportion to population, almost twice as many as Great Britain; more than three times as many as Sweden; three and one-half times as many as Germany and the United States; almost six times as many as France; ten times as many as Italy; and 88 times as many as Russia.

The reader will compare above figures with those found on page 1131 of the 1927 edition of *American Men of Science*, which latter figures appear to have been based on population statistics for a year closer to 1920 than to 1910.

### WHO'S WHO IN AMERICA

*Who's Who in America* contains biographical sketches of the best known and the most eminent men and women of the United States. Below is the number of Norwegian-born persons whose biographies have appeared in its various editions:

1899-00	9	1906-07	18	1912-13	30	1918-19	39	1924-25	48
1901-02	11	1908-09	22	1914-15	35	1920-21	43	1926-27	54
1903-05	12	1910-11	27	1916-17	36	1922-23	45	1928-29	60

While those listed in the 1928-29 edition, born in Norway, number 60, the present writer knows that at least 178 of those listed in that edition are of Norwegian origin, and there are fourteen others who, upon investigation, might be found to be of similar origin.

Comparing the record of Norway with that of one southern country, Italy, and with one northern country, Poland, both of which have claimed a considerable part of the attention of the world for a number of years, it is found that while each 100,000 of the Italian-born residents of the United States contributed 4.26 of the persons listed in the 1924-25 edition of *Who's Who in America*, and while each 100,000 of those born in Poland contributed 3.25, each 100,000 of those born in Norway contributed almost 14, or three times as many as the Italians, and four times as many as the Poles.

Comparing the record with that of native-born Americans, it is found that the 363,862 men and women who were born in Norway and resided in the United States in 1920, contributed exactly the same number of the eminent men and women listed in the 1926-27 edition as the 3,995,935 men and women of the six States of Arizona, Idaho, New Mexico, North Dakota, Oklahoma, and Wyoming combined, or 54. This means that while each 100,000 persons of those six American States contributed one and one-third person listed, each 100,000 born in Norway contributed 15.

### PART IN WORLD EDUCATION

From Greenland and Alaska in the North to South Africa, Tasmania, and Argentina in the South, the Norwegian people have played a noteworthy part in the education of mankind. The first director of a normal school in Greenland was Hans P. Egede, who served as such from 1736 to 1746, and wrote the first book on the natural history of Greenland, published in 1729. His son, Paul H. Egede, wrote the first grammar and dictionary of the Eskimo language. A descendant of his is now serving as assistant professor of Romance languages at the University of Minnesota (see Dr. Elizabeth Nissen). Levine Henrietta Samuelson, whose parents came from the vicinity of Mandal to South Africa in 1851, served as teacher in the schools of Zululand and Natal from 1878 to 1917, wrote the first book on Zulu folk-lore ever written, *Some Zulu Customs and Folk-lore*, published in 1912, translated two books for use in native schools, and was a member of the Zulu Orthography Conference, composed of some of the greatest Zulu scholars, in 1905 and 1907 (see *South African Who's Who*, 1912 edition.) Her brother, the late Hon. S. O. Samuelson, understood the Zulu language and people as perhaps no other living man, taught Zulu in the Durban High School, was interpreter to the Supreme Court of Natal, and later held the important position of Under Secretary for Native Affairs in the province of Natal (see the *Natal Witness*, 1913). His brother, Robert C. Samuelson, attorney and advocate of the Supreme



Court of Natal since 1885, was interpreter to king Cetywayo, defended his son, chief Dinuzulu, during the famous trial at Greytown in 1908, and wrote the best grammar of the Zulu language in existence, the *Robert Samuelson Zulu Grammar*, published in 1925; wrote also the best Zulu-English dictionary, the *King Cetywayo Zulu Dictionary* of more than 1,000 pages, on which he labored for forty-five years; his last book, *Long, Long Ago*, published in 1929, contains his reminiscences and a practically complete account of the Zulu people (see *South African Who's Who*, 1929-30).

A Norwegian-American is serving as professor at the Alaska Agricultural College (see L. O. Jacobson). A Norwegian-African, Ernest Riem, is on the staff of the Technical College in Durban, South Africa. And a Norwegian-Australian is professor at the University of Tasmania (see T. Hytten). For those having taught at universities and other institutions in China and Hawaii, see Braafladt, Braastad, Helen L. Gunderson, Neprud, Garman, Christophersen, Nelsen, Harold S. Palmer, Francis Peterson, and Wist in the list of American Educators. For professors in universities in other parts of the world, see the list of World Educators.

Evelyn Stibolt, of Oslo, is giving demonstration in household arts at the Ecole Normale in Corca, Albania. Oscar Nero, of one of the North-western States, is the headmaster of the Umhlaugeni Government School, Natal, South Africa. Dr. Melvin A. Helland is the head of a normal school in Madagascar; his brother, Bernhard A. Helland, is the headmaster of a higher school for boys in India; their sister, Mrs. Ralph Mortensen, is doing educational work in China; and their father, Professor Andreas Helland, is on the teaching staff of a college in Minneapolis. A large number of men and women have taught or are now teaching in high schools of Hawaii. Others have been in educational work in the Philippine Islands. And the man who during the last ten years has served as director of education in the Tonga Islands, in the South Seas, came from Randsfjord, Norway.

Many hundreds of schools, elementary, secondary, normal, and technical, are being maintained by various Norwegian organizations in Roumania, Soudan, Madagascar, Union of South Africa, India, and China. Thousands upon thousands of citizens of those countries owe their education to the schools thus maintained.

Instructors of Norwegian origin have taught in Sofia College, Bulgaria; Constantinople College, Tyrkey; Robert College, Constantinople; American School of Classical Studies, Athens; and American University of Beirut (see Margareta Erikson, Inga Ravndal Keble, Max Herman Larsen, Dr. Carl W. Blegen, and Dr. George Sverdrup in the list of American Educators). On opening day in 1925, Sofia College was "filled to capacity." Robert College registered 650 students (730 students in 1928). Constantinople College (for women) enrolled 408. And the American University of Beirut received 1217 students. The students of Robert College came from seventeen different nations, and included Persians, Irakians, Syrians, Egyptians, the brother of Ismet Pasha (prime minister of Turkey), sons of deputies in the Grand National Assembly of Tyrkey, the crown prince of Iraq (the son of king Feisal), and many other notable persons—truly an opportunity for the sowing of the seeds of international understanding and good-will which it is hard to overestimate.

Gisle C. T. Johnson, for many years director of a school for girls in Galatz, Roumania, with an enrollment of 250 students before the war, was awarded King Carol's Medal of Merit in recognition of his educational work, and decorated with the Roumanian order of the Crown for his war-time services. Dr. C. W. Blegen, until recently assistant director of the American School of Classical Studies in Athens, was decorated by the king of Greece for his war-time services in Greece and Macedonia. In 1925, the late Dr. Fridtjof Nansen, whose remarkable scientific and

humanitarian work was recognized by the bestowal upon him of 222 diplomas, orders and medals from all parts of the world, was elected Lord Rector for three years of St. Andrews University, Edinburgh, Scotland (which position corresponds to that of president of the Board of University Regents in the United States). Lord Edward Theodore Salvesen, whose juristic attainments and personal qualities placed him upon the highest court in the British Empire, the Judicial Committee of the Privy Council (being a son of the late shipowner Christian Salvesen from Mandal), is now serving as a distinguished member of the Court of the University of Edinburgh.

When the Committee on Intellectual Cooperation was established in 1922 under the auspices of the League of Nations, one of the fourteen internationally known scholars and scientists appointed members of that committee was Dr. Kristine Bonnevie, of the University of Oslo, who, on her American tour in 1907, had the honor to be received by the President of the United States, Theodore Roosevelt.

When the International Committee of Historical Sciences was established at Geneva, Switzerland, in May, 1926, with a secretariat functioning from the Institute of Intellectual Cooperation in Paris, it elected as its president one of the world's leading historians, Professor Halvdan Koht of the University of Oslo, who presided at the Sixth International Congress of Historical Sciences held in Oslo in August, 1928, participated in by scholars of thirty nations, and was elected president of the ensuing Seventh International Congress, was called to lecture on history at Harvard and other American universities in 1929-1930, and is the author of numerous treatises dealing with international problems.

When the International Student Service was organized recently to assist students in all parts of the world, to help eliminate race prejudice and class distinction, to initiate and promote international research, and to create understanding and good-will among all the peoples of the earth, the person elected the first administrative secretary of the newly-created organization, with headquarters in Geneva, Switzerland, was Dr. Dikka Reque, who formerly taught modern languages in Minneapolis high schools, served as translator for the government in Washington, D. C., took her Master of Arts degree at McGill University in Montreal, won a scholarship awarded annually by the government of France, and took her degree of Doctor of Philosophy at the University of Paris in 1930 with a dissertation on three authors of the two sister nations, Norway and Sweden.

And the recent president of the International Federation of University Women, having a membership of 37,000 representing thirty-one different nations of the world, was Dr. Ellen Gleditch, of the University of Oslo, upon whom Smith College in 1914 conferred the honorary degree of Doctor of Science, and upon whom the American people, on her tour of the United States in 1929, showered honors and affection in unbounded measure.



# LIST OF ABOUT 400 AMERICAN UNIVERSITIES, COL- LEGES, AND OTHER INSTITUTIONS IN WHICH THE MEN AND WOMEN LISTED IN THIS WORK HAVE TAUGHT.

The statistics include only full-time resident students doing work leading to a degree, unless otherwise indicated. The figures found at the end of each line, such as "28-29," refer to the school year for which the statistics are given. Abbreviations used in this list: ch. chartered by the State; est. established by legislature or otherwise; fd. founded; inc. incorporated; op. opened for the reception of students; org. organized; st. students; t. teaching staff.

- Adelphi College, Brooklyn, N. Y.—fd. 1896; 635 st. 38 t. 27-28
- Adrian College, Adrian, Mich.—fd. 1859; 154 st. 18 t. 26-27
- Akron, Municipal University of, Akron, Ohio—fd. 1870; 1,241 st. 65 t. 26-27
- Alabama College, Montevallo, Ala.—org. 1896; 800 st. 76 t. 28-29
- Alabama Polytechnic Institute, Auburn, Ala.—org. 1872; 1,725 st. 175 t. 28-29
- Alabama, Woman's College of, Montgomery, Ala.—fd. 1909; 500 st. 42 t. 26-27
- Alaska Agricultural College and School of Mines, Fairbanks, Alaska—op. 1922; 166 st. 18 t. 27-28
- Albany College, Albany, Ore.—fd. 1866; 117 st. 15 t. 26-27
- Albany College of Pharmacy, Albany, N. Y.—org. and inc. in Union University 1881
- Albany Medical College, Albany, N. Y.—inc. 1839; with Albany Law School and Union College formed Union University 1873
- Alberta, University of, Edmonton, Alta., Canada—fd. 1906; 375 st. 100 t. 26-27
- Albert Lea College (for women), Albert Lea, Minn.—open 1890-1915 or longer
- Albion College, Albion, Mich.—fd. 1835; 700 st. 45 t. 26-27
- Alfred University, Alfred, N. Y.—fd. 1836; 491 st. 37 t. 26-27
- Allegheny College, Meadville, Pa.—fd. 1815; 616 st. 40 t. 26-27
- American College (or schools), Sofia, Bulgaria—under direction of the Near East College Association, New York
- American Conservatory of Music, Chicago, Ill.—fd. 1886; a leading, degree-conferring conservatory
- American Medical Missionary College, Chicago, Ill.—open 1895-1910, then absorbed by College of Physicians and Surgeons, Chicago, now the University of Illinois College of Medicine
- American School of Classical Studies, Athens, Greece—fd. 1882
- American University, Washington, D. C.—fd. 1893; 350 st. 40 t. 26-27
- Amherst College, Amherst, Mass.—fd. 1821; 707 st. 50 t. 26-27
- Antioch College, Yellow Springs, Ohio—fd. 1852; 700 st. 47 t. 26-27
- Arizona, University of, Tucson, Ariz.—fd. 1885; 1,500 st. 148 t. 26-27
- Arkansas State Teachers College, Conway, Ark.
- Arkansas, University of, Fayetteville, Ark.—fd. 1871; 1,543 st. 150 t. 26-27

- Armour Institute of Technology, Chicago, Ill.—fd. 1892; 760 st. t. 26-27
- Aurora College, Aurora, Ill.—fd. 1893; 135 st. 20 t. 26-27
- Bacon College, Bacon, Okla.
- Baird College, Clinton, Mo.
- Baker University, Baldwin, Kans.—fd. 1858; 454 st. 39 t. 26-27
- Battle Creek College, Battle Creek, Mich.—fd. 1923; 500 st. 60 t. 26-27
- Baylor University College of Dentistry, Dallas, Tex.—fd. 1918; 35 t. 25-26
- Baylor University College of Medicine, Dallas, Tex.—fd. 1903; 100 t. 28-29
- Bellevue College, Bellevue, Nebr.
- Beloit College, Beloit, Wis.—fd. 1846; 503 st. 50 t. 26-27
- Bennett Medical College, Chicago, Ill.—open 1868-1909; in 1910 became the Medical Department of Loyola University; in 1915 purchased by Loyola University
- Bethany College, Lindsborg, Kans.—fd. 1881; 688 st. 45 t. 26-27
- Bethel Woman's College, Hopkinsville, Ky.
- Birmingham-Southern College, Birmingham, Ala.—fd. 1859; 1044 st. 60 t. 26-27
- Blair College, Blair, Neb.—now Dana College
- Blairsville College, Blairsville, Pa.
- Boston University, Boston, Mass.—fd. 1869; 8,520 st. in 28-29; 475 t. in 26-27; total enrollment, including part-time and summer students in 28-29: 12,234 st.
- Bradley Polytechnic Institute, Peoria, Ill.—fd. 1897; 800 st. 70 t. 26-27
- British Columbia, University of, Vancouver, B. C., Canada—fd. 1912; 1,582 st. 120 t. 26-27
- Brooklyn, Polytechnic Institute of, Brooklyn, N. Y.—fd. 1853; 425 st. 57 t. 26-27
- Bryn Mawr College, Bryn Mawr, Pa.—fd. 1880; 428 st. 68 t. 26-27
- Buena Vista College, Storm Lake, Iowa—fd. 1891; 150 st. 18 t. 25-26
- Buffalo, University of, Buffalo, N. Y.—fd. 1846; 2,844 st. 334 t. 26-27
- Butler University, Indianapolis, Ind.—op. 1855; 2,257 st. 85 t. 27-28
- California Institute of Technology, Pasadena, Calif.—fd. 1891; 603 st. 150 t. 26-27
- California, University of, Berkeley and Los Angeles, Calif.—fd. 1868; 17,337 full-time st., 26,562 full-time, part-time, and summer school st., 28-29; 1,640 full-time t. 26-27
- Capital University, Columbus, Ohio—fd. 1850; 349 st. 41 t. 24-25
- Carleton College, Northfield, Minn.—fd. 1866; 835 st. 68 t. 26-27
- Carman Collegiate Institute, Canada
- Carnegie Institute of Technology, Pittsburgh, Pa.—fd. 1900; 2,877 st. 263 t. 26-27
- Carson College, Flourtown, Pa., experimental school for girls
- Carthage College, Carthage, Ill.—fd. 1846; 310 st. 26 t. 26-27
- Catholic University of America, Washington, D. C.—fd. 1887; 115 t. 26-27
- Chicago College of Dental Surgery, Loyola University, Chicago, Ill.—fd. 1881; 535 st. 50 t. 27-28; a leading dental college
- Chicago Musical College, Chicago, Ill.—a leading, degree-conferring college of music
- Chicago Normal College, Chicago, Ill.
- Chicago Polyclinic (Medical School), Chicago, Ill.
- Chicago, University of, Chicago, Ill.—old University of Chicago open from 1861 (?) to 1886; present University of Chicago, fd. 1890; 5,628 full-time st., 12,662 full-time, part-time, and summer session st. 28-29; 650 full-time t. 26-27
- Chicora College, Columbia, S. C.—fd. 1906; 170 st. 31 t. 26-27
- Cincinnati, University of, Cincinnati, Ohio—fd. 1870; 4,297 full-time st., 10,328 full-time, part-time, and summer students, 28-29; 505 t. 26-27
- Clark University, Worcester, Mass.—fd. 1887; 309 st. 50 t. 26-27
- Coe College, Cedar Rapids, Iowa—fd. 1880; 881 st. 75 t. 26-27



- College of Physicians and Surgeons, Chicago—now University of Illinois College of Medicine
- Colorado Agricultural College, Fort Collins, Colo.—fd. 1877; 1,187 st. 115 t. 26-27
- Colorado College, Colorado Springs, Colo.—fd. 1874; 631 st. 60 t. 26-27
- Colorado School of Mines, Golden, Colo.—fd. 1874; 421 st. 49 t. 26-27
- Colorado State Teachers College, Greeley, Colo.—op. 1890; created a Teachers College by the 18th General Assembly
- Colorado, University of, Boulder, Colo.—fd. 1877; 2,900 st. 252 t. 26-27
- Columbia University, New York, N. Y.—fd. 1754; 13,691 full-time st., 32,036 full-time, part-time and summer session st. 1,500 t. 28-29
- Concordia College, St. Paul, Minn.—fd. 1893; 166 st. 13 t. 24-25
- Connecticut Agricultural College, Storrs, Conn.—fd. 1881; 500 st. 85 t. 26-27
- Connecticut College for Women, New London, Conn.—fd. 1911, 529 st. 72 t. 26-27
- Constantinople College (for women), Constantinople, Turkey—one of the 6 American Colleges in the Near East, under direction of the Near East College Association, New York, N. Y.; 408 st. 25-26
- Cooper Union, New York, N. Y.—fd. 1859; 1,059 st. 91 t. 26-27
- Cornell University, Ithaca, N. Y.—inaugurated 1868; 5,315 full-time st., 7,465 full-time, part-time and summer st. 28-29; 1,048 full-time t. 26-27
- Cosmopolitan School of Music and Dramatic Art, Chicago, Ill.—org. 1904; grants Mus.B., Mus.M., and Mus.D. degrees.
- Dakota Wesleyan University, Mitchell, S. Dak.—fd. 1885; 344 st. 26 t. 26-27
- Davenport College, Lenoir, N. C.
- Denver, University of, Denver, Colo.—fd. 1864; 3,467 st. 168 t. 26-27
- De Paul University, Chicago, Ill.—org. 1898; 3,800 st. 145 t. 28-29
- De Paul University College of Law, Chicago, Ill.—fd. 1897, became law dept. of De Paul U. 1912; 657 st. 23 t. 28-29
- De Pauw University, Greencastle, Ind.—ch. 1837; 1,618 st. 88 t. 26-27
- Des Moines University, Des Moines, Iowa—fd. 1865; 422 st. 38 t. 27-28
- Detroit, College of the City of, Detroit, Mich.—fd. 1923; 2,079 st. in day session, 2,540 st. in evening session, total enrollment of 5,049 st. in day, evening and summer sessions, 27-28
- Drake University, Des Moines, Iowa—fd. 1881; 1,582 st. 86 t. 26-27
- Drury College, Springfield, Mo.—fd. 1873; 465 st. 31 t. 26-27
- Duke University, Durham, N. C.—org. 1838; 1906 st. 133 t. 28-29
- Earlham College, Richmond, Ind.—fd. 1847; 550 st. 40 t. 26-27
- Eastern State Teachers College, Madison, S. Dak.—op. 1883; created Teachers College in 1923
- Elkhorn College, Elkhorn, Iowa
- Ellsworth College, Iowa Falls, Iowa—fd. 1890
- Emory University, Atlanta, Ga.—fd. 1836; 2,057 st. 224 t. 26-27
- Emporia, College of, Emporia, Kans.—fd. 1882; 472 st. 34 t. 26-27
- Evansville College, Evansville, Ind.—ch. 1919 as successor of Moores Hill College—fd. 1856; 453 st. 25 t. 26-27
- Fargo College, Fargo, N. Dak.—open at least 1891-1921, and expected to reopen on a firm financial basis in the fall of 1930
- Findlay College, Findlay, Ohio—fd. 1882; 171 st. 21 t. 26-27
- Floating University, home office: Graybar Building, New York City—aboard steamer on tour around the world, with extensive shore trips, giving graduate and undergraduate courses leading to degrees
- Florida State College for Women, Tallahassee, Fla.—fd. 1905; 1,550 st. 28-29; 116 t. 26-27
- Florida, University of, Gainesville, Fla.—fd. 1905; 1,969 st. 105 t. 26-27

- Fordham University, New York, N. Y.—fd. 1841; 4,175 full-time st., 7,859 full-time, part-time, and summer st. 28-29; 173 t. 26-27
- Franklin College, Franklin, Ind.—org. 1834; 307 st. 28 t. 28-29
- Franklin and Marshall College, Lancaster, Pa.—op. 1853 as the result of the union of Franklin College, ch. 1787, and Marshall College, ch. 1836; 715 st. 42 t. 28-29
- Fresno State College, Fresno, Calif.—est. 1910, created Teachers College 1921; 1,920 full-time, part-time, and summer st. 70 t. 25-26
- Friends University, Wichita, Kans.—fd. 1898; 438 st. 43 t. 28-29
- Gallaudet College, Washington, D. C.—fd. 1864; 126 st. 16 t. 26-27
- Geneva College, Beaver Falls, Pa.—fd. 1848; 500 st. 30 t. 26-27
- George Peabody College for Teachers, Nashville, Tenn.
- George Washington University, Washington, D. C.—ch. 1821; 5,961 st. 397 t. 28-29
- Georgia State College for Women, Milledgeville, Ga.—fd. 1889; 1,058 st. 72 t. 26-27
- Georgia, University of, Athens, Ga.—fd. 1785; 1,583 st. 99 t. 26-27
- Gettysburg College, Gettysburg, Pa.—fd. 1832; 663 st. 43 t. 26-27
- Gooding College, Weslayan, Ida.—op. 1917; 207 st. 21 t. 27-28
- Goucher College, Baltimore, Md.—fd. 1885; 1,060 st. 101 t. 26-27
- Graceland College, Lamoni, Iowa
- Grand Island College, Grand Island, Neb.—fd. 1892; 182 st. 16 t. 25-26
- Grand River College, Gallatin, Mo.
- Greenville College, Greenville, Ill.—fd. 1892; 267 st. 30 t. 25-26
- Grinnell College, Grinnell, Iowa—fd. 1846; 774 st. 63 t. 26-27
- Guilford College, Guilford College, No. Car.—org. 1888; 300 st. 26 t. 28-29
- Gustavus Adolphus College, St. Peter, Minn.—fd. 1862; 454 st. 28 t. 26-27
- Hamilton College, Lexington, Ky.
- Hamilton College of Law, Chicago, Ill.
- Hamline University, St. Paul, Minn.—fd. 1854; 385 st. 39 t. 26-27
- Hanover College, Hanover, Ind.—fd. 1827; 506 st. 20 t. 26-27
- Hardin College, Mexico, Mo.—fd. 1873; 298 st. 27 t. 24-25
- Harris Military College, Roanoke, Va.
- Hartwick College, Oneonta, N. Y.—op. 1928; 400 st. 25 t. 30-31
- Harvard University, Cambridge, Mass.—fd. 1636; 8,110 full-time st., 10,793 full-time, part-time, and summer st. 28-29; 1,249 t. 26-27
- Hawaii, University of, Honolulu, Hawaii—op. as College of Hawaii, 1908; University of Hawaii, 1920; more than 1,100 st. representing 16 American States and several countries, fall 1929.
- Hebron College, Hebron, Nebr.
- Highland College (or University), Highland, Kans.—fd. 1857; 81 st. 6 t. 24-25
- Highland Park College, Des Moines, Iowa—records for 1897-1918 examined; merged in Des Moines University, 1918
- Hillsdale College, Hillsdale, Mich.—fd. 1844; 496 st. 36 t. 26-27
- Hobart College, Geneva, N. Y.—fd. 1822; 250 st. 30 t. 26-27
- Hood College, Frederick, Md.—fd. 1893; 401 st. 50 t. 26-27
- Hunter College, New York, N. Y.—fd. 1870; 4,918 full-time st. 12,672 full-time, part-time, and summer st. 28-29; 231 t. 26-27
- Huntington College, Huntington, Ind.—fd. 1897; 80 st. 17 t. 25-26
- Huron College, Huron, S. Dak.—fd. 1883; 311 st. 31 t. 26-27
- Idaho, College of, Caldwell, Ida.—org. 1891; 415 st. 25 t. 28-29
- Idaho, University of, Moscow and Pocatello, Ida.—fd. 1889; 1910 st. 174 t. 26-27
- Illinois Post-Graduate Medical School, Chicago
- Illinois, University of, Urbana, Ill.—fd. 1867; 12,150 full-time st., 13,010 full-time, part-time, and summer st. 28-29; 1,263 t. 26-27
- Illinois Wesleyan University, Bloomington, Ill.—fd. 1850; 749 st. 54 t. 26-27



- Illinois Woman's College, Jacksonville, Ill.—org. 1846, ch. 1847 as academy, name changed to college 1851; 317 st. 42 t. 26-27
- Indianapolis Conservatory of Music, Indianapolis, Ind.
- Indiana State Teachers College, Muncie, Ind.—op. 1870; 596 st. 34 t. 27-28
- Indiana State Teachers College, Terre Haute, Ind.—op. 1870, created teachers college 1924
- Indiana University, Bloomington, Ind.—fd. 1820; 5,742 st. 310 t. 26-27
- Industrial Arts, College of, Denton, Tex.—op. 1903; 2,116 st. 115 t. 26-27
- Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa—fd. 1858; 5,431 st. 375 t. 26-27
- Iowa State Teachers College, Cedar Falls, Iowa—became teachers college in 1909; about 200 t.
- Iowa, State University of, Iowa City, Iowa—est. 1847, op. 1855, reorg. 1860; 5,047 full-time st., 8,026 full-time, part-time and summer st. 28-29; 600 t. 26-27
- Jamestown College, Jamestown, N. Dak.—fd. 1909; 523 st. 29 t. 26-27
- Jefferson Medical College, Philadelphia, Pa.—open since 1834, at least, record for that year being the earliest examined
- Jenner Medical College, Chicago, Ill.—open 1892-1917
- Johns Hopkins University, Baltimore, Md.—fd. 1876; 1,926 st. 471 t. 26-27
- Kansas City University, Kansas City, Kans.—fd. 1896; 270 st. 15 t. 26-27
- Kansas State Agricultural College, Manhattan, Kans.—fd. 1863; 3,994 st. 315 t. 26-27
- Kansas State Teachers College, Emporia, Kans.—op. 1865, became teachers college 1923; 4,720 full-time, part-time, and summer st. 24-25
- Kansas, University of, Lawrence, Kans.—fd. 1866; 4,303 st. 392 t. 26-27
- Kent State Normal College, Kent, Ohio—fd. 1911; 60 t. 27-28
- Kentucky, University of, Lexington, Ky.—fd. 1865; 2365 st. 200 t. 26-27
- Knox College, Galesburg, Ill.—fd. 1837; 649 st. 43 t. 26-27
- La Grange College, La Grange, Mo.
- Lake Erie College, Painesville, Ohio—fd. 1856; 201 st. 25 t. 25-26
- L. D. S. University, Salt Lake City, Utah
- Lehigh University, Bethlehem, Pa.—fd. 1866; 1662 st. 151 t. 26-27
- Leland Stanford, Jr., University, Stanford University, Calif.—fd. 1885; 3,015 st. 465 t. 26-27
- Lenoir Rhyne College, Hickory, N. C.—fd. 1892; 285 st. 17 t. 26-27
- Lindenwood College, St. Charles, Mo.—fd. 1827; 488 st. 40 t. 26-27
- Linfield College, McMinnville, Ore.—fd. 1857; 281 st. 25 t. 26-27
- Lombard College, Galesburg, Ill.—fd. 1851; 332 st. 35 t. 26-27
- Long Island College Hospital, Brooklyn, N. Y.—fd. 1858; 450 st. (1,000 applicants); only medical school in Brooklyn
- Long Island University, Brooklyn, N. Y.—op. 1927; 2,600 st 100 t. 30-31
- Louisville, University of, Louisville, Ky.—fd. 1837; 1,274 st. 277 t. 26-27
- Loyola University School of Medicine, Chicago, Ill.—est. 1915 by the purchase of Bennett Medical College, which since 1910 had been the medical department of Loyola University
- Lutheran College, Seguin, Tex.
- Macalester College, St. Paul, Minn.—fd. 1885; 520 st. 40 t. 26-27
- Maine, University of, Orono, Me.—fd. 1865; 1,338 st. 133 t. 26-27
- Mankato State Teachers College, Mankato, Minn.—became teachers college 1921; 1,234 st. in college, and 433 add. st. taking work below college grade, 25-26
- Marion College, Marion, Va.
- Marquette University, Milwaukee, Wis.—fd. 1881; 3,035 st. 342 t. 26-27
- Maryland Agricultural College, Baltimore, Md.—earliest record examined is that for 1870-71; merged in the University of Maryland, 1920
- Maryland, University of, College Park, Md.—fd. 1807; 2,744 st. 450 t. 26-27

## 302 AMERICAN EDUCATORS OF NORWEGIAN ORIGIN

- Mary Nash Female College, Sherman, Tex.  
 Massachusetts Agricultural College, Amherst, Mass.—fd. 1863; 566 st.  
 100 t. 26-27  
 Massachusetts Institute of Technology, Cambridge, Mass.—fd. 1861;  
 2,671 st. 449 t. 26-27  
 McMaster University, Toronto, Canada—fd. 1887; 323 st. 25 t. 26-27  
 McMurry College, Abilene, Tex.  
 Miami University, Oxford, Ohio—fd. 1809; 1,770 st. 125 t. 26-27  
 Michigan College of Mines and Technology, Houghton, Mich.—fd. 1885;  
 182 st. 32 t. 26-27  
 Michigan State College of Agriculture and Applied Science, East Lan-  
 sing, Mich.—fd. 1857; 2,699 st. 318 t. 26-27  
 Michigan, University of, Ann Arbor, Mich.—fd. 1837; 10,954 full-time  
 st., 12,890 full-time, part-time, and summer st. 28-29; 689 t. 26-27  
 Midland College, Fremont, Neb.—fd. 1887; 300 st. 56 t. 26-27  
 Mills College, Oakland, Calif.—fd. 1885; 517 st. 71 t. 26-27; leading  
 woman's college on Pacific Coast  
 Milwaukee-Downer College, Milwaukee, Wis.—fd. 1895; 201 st. 46 t. 26-27  
 Minneapolis College of Physicians and Surgeons, Minneapolis, Minn.—  
 open 1883-95; medical department of Hamline University, 1895-  
 1907; then closed  
 Minnesota, University of, Minneapolis, Minn.—fd. 1851; 11,815 full-time  
 st., 17,856 full-time, part-time, and summer st. 28-29  
 Mississippi Agricultural and Mechanical College, A. & M. College,  
 Miss.—fd. 1878; 1,187 st. 78 t. 24-25  
 Missouri, University of, Columbia, Mo.—fd. 1839; 5,384 st. 310 t. 26-27  
 Missouri Valley College, Marshall, Mo.—fd. 1889; 209 st. 16 t. 26-27  
 Montana, College of, Deer Lodge, Mont.—org. as Montana Collegiate  
 Institute, 1878; inc. as College of Montana, 1883; with Montana  
 Wesleyan College became the present Intermountain Union Col-  
 lege, Helena, Mont., 1923  
 Montana State College, Bozeman, Mont.—fd. 1893; 935 st. 85 t. 26-27  
 Montana State Normal College, Dillon, Mont.—op. 1897, became college,  
 1903; 665 resident st. 43 t. 25-26  
 Montana, State University of, Missoula, Mont.—fd. 1895; 1,874 st. 100 t.  
 26-27  
 Montana Wesleyan College, Helena, Mont.—located at Helena, 1889;  
 with College of Montana became the Intermountain Union Col-  
 lege, Helena, Mont., 1923  
 Moorhead State Teachers College, Moorhead, Minn.—op. 1888, became  
 teachers college, 1921; 926 college st. 25-26  
 Morehead State Teachers College, Morehead, Ky.  
 Morningside College, Sioux City, Iowa—fd. 1894; 708 st. 46 t. 26-27  
 Mount Holyoke College, South Hadley, Mass.—fd. 1837; 1,032 st. 105 t.  
 26-27  
 Muhlenberg College, Allentown, Pa.—fd. 1867; 455 st. 30 t. 26-27  
 Musical Art, College of, Indianapolis, Ind.  
 Nanking, University of, Nanking, China—an American University in  
 China  
 National Southwestern University, Nanking, China—an American uni-  
 versity  
 Nebraska State Teachers College, Chadron, Neb. est. 1911; became  
 teachers college 1921  
 Nebraska State Teachers College, Kearney, Neb.—est. 1905, became  
 teachers college 1921; 744 resident college st. 27-28  
 Nebraska, University of, Lincoln, Neb.—fd. 1869; 6,236 full-time st.,  
 8,897 full-time, part-time, and summer st. 28-29  
 Nevada, University of, Reno, Nev.—fd. 1873; 928 st. 65 t. 26-27  
 Newberry College, Newberry, S. C.—fd. 1856; 450 st. 24 t. 26-27



- New Jersey College for Women, New Brunswick, N. J.—part of Rutgers University
- New Mexico School of Mines, Socorro, N. M.—fd. 1889; 93 st. 10 t. 28-29
- New Mexico, University of, Albuquerque, N. M.—fd. 1889; 438 st. 32 t. 26-27
- New School for Social Research, New York, N. Y.—large new building opened 1930; distinguished faculty
- New York, College of the City of, fd. 1848; 4,929 full-time st., 28,287 full-time, part-time, and summer st. 28-29
- New York Medical College and Flower Hospital, 64th St. and York Ave., New York, N. Y.—op. 1858; expansion program involving expenditure of \$19,288,000 entered upon in 1929
- New York Polyclinic Medical School and Hospital, New York, N. Y.—org. 1881
- New York Post-Graduate Medical School and Hospital, New York, N. Y.—op. 1882; oldest post-graduate medical school in the United States; has given instruction to 27,324 physicians; united with Columbia University, 1931 (congratulatory letter upon this union received from the Secretary of the Interior)
- New York State College of Forestry, Syracuse, N. Y.—est. 1911; 300 st. 35 t. 26-27
- New York State Institute of Applied Agriculture, Farmingdale, Long Island, N. Y.—formally opened March 1, 1916
- New York State Teachers College, Albany, N. Y.
- New York University, New York, N. Y.—fd. 1831; 10,711 full-time st., 26,303 full-time, part-time, and summer st. 28-29
- North Carolina College for Women, Greensboro, N. C.—fd. 1891; 1,629 st. 171 t. 26-27
- North Carolina State College of Agriculture and Engineering, Raleigh, N. C.—fd. 1889; 1,520 st. 127 t. 26-27
- North Dakota Agricultural College, Fargo, N. Dak.—op. 1891; 1,089 st. 105 t. 26-27
- North Dakota, University of, Grand Forks, N. Dak.—op. 1884; 1702 full-time college st., 351 summer st. 156 t. 28-29
- Northeast Missouri State Teachers College, Kirksville, Mo.—64 t. 25-26
- Northern Arizona State Teachers College, Flagstaff, Ariz.
- Northern Illinois State Teachers College, De Kalb, Ill.—op. as Normal School 1899, became teachers college 1921; about 50 t. in the college
- Northern State Teachers College, Aberdeen, S. Dak.—est. 1901, created teachers college 1920; 1,000 full-time and 1,000 summer st. 70 college t. 26-27
- North Georgia Agricultural College, Dahlonega, Ga.—fd. 1873; 138 st. 15 t. 24-25
- Northland College, Ashland, Wis.—fd. 1907; 169 st. 23 t. 26-27
- North Texas Female College, Sherman, Tex.—fd. 1871; now the Kidd-Key College and Conservatory, Sherman, Tex.
- Northwest Missouri State Teachers College, Maryville, Mo.
- Northwestern University, Evanston and Chicago, Ill.—fd. 1851; 5,559 full-time st., 12,038 full-time, part-time, and summer st. 28-29
- Notre Dame, University of, Notre Dame, Ind.—fd. 1842; 2,600 st. 159 t. 26-27
- Oberlin College, Oberlin, Ohio—fd. 1833; 1,839 st. 169 t. 26-27
- Ohio State University, Columbus, Ohio.—fd. 1873; 10,293 full-time st., 12,662 full-time, part-time, and summer st. 28-29
- Ohio University, Athens, Ohio—fd. 1804; 2,174 st. 186 t. 26-27
- Ohio Wesleyan University, Delaware, Ohio—fd. 1841; 1,902 st. 143 t. 26-27

- Oklahoma Agricultural and Mechanical College, Stillwater, Okla.—fd. 1890; 3,000 st. 204 t. 26-27
- Oklahoma College for Women, Chickasha, Okla.—fd. 1909; 740 st. 43 t. 26-27
- Oklahoma, University of, Norman, Okla.—fd. 1890; 4,604 full-time st., 6,664 full-time, part-time, and summer st. 28-29
- Olivet College, Olivet, Mich.—fd. 1844; 317 st. 25 t. 26-27
- Oregon State Agricultural College, Corvallis, Ore.—fd. 1885; 3,772 st. 302 t. 26-27
- Oregon, University of, Eugene, Ore.—fd. 1872; 2,846 st. 203 t. 26-27
- Ouachita College, Arkadelphia, Ark.—op. 1886; 312 st. 24 t. 26-27
- Oxford College for Women, Oxford, Ohio—fd. 1830; 165 st. 21 t. 26-27 merged in Western College for Women 1928 (?)
- Pacific Union College, Angwin, Calif.—fd. 1909; 150 st. 30 t. 26-27
- Pacific University, Forest Grove, Ore.—ch. as academy 1849, ch. as college 1854; 300 st. 25 t. 26-27
- Parsons College, Fairfield, Iowa—fd. 1875; 500 st. 34 t. 26-27
- Peking University, Peking, China—an American university in China
- Penn College, Oskaloosa, Iowa—fd. 1873; 313 st. 26 t. 26-27
- Pennsylvania College of Music, Philadelphia, Pa.
- Pennsylvania State College, State College, Pa.—fd. 1855; 3,573 st. 357 t. 26-27
- Pennsylvania, University of, Philadelphia, Pa.—fd. 1740; 6,711 full-time st., 14,844 full-time, part-time, and summer st. 28-29
- Philadelphia College of Pharmacy and Science, Philadelphia, Pa.
- Pittsburgh, University of, Pittsburgh, Pa.—fd. 1787; 6,235 full-time st., 12,674 full-time, part-time, and summer st. 28-29; 973 t. 26-27
- Pomona College, Claremont, Calif.—fd. 1887; 777 st. 72 t. 26-27
- Posse-Nissen School of Physical Education, Boston, Mass.—fd. 1890; 209 st. 26-27
- Post-Graduate Medical School, Chicago, Ill.
- Presbyterian College of South Carolina, Clinton, S. C.—fd. 1880; 275 st. 17 t. 26-27
- Princeton University, Princeton, N. J.—fd. 1746; 2,526 st. 299 t. 26-27
- Provincial Institute of Technology and Art, Calgary, Alta., Canada
- Puget Sound, College of, Tacoma, Wash.—fd. 1903; 390 st. 27 t. 26-27
- Purdue University, Lafayette, Ind.—fd. 1869; 3,477 st. 283 t. 26-27
- Queen's University, Kingston, Ont., Canada—fd. 1841; 1,458 st. 104 t. 26-27
- Randolph-Macon Woman's College, Lynchburg, Va.—fd. 1893; 842 st. 62 t. 26-27
- Reed College, Portland, Ore.—fd. 1911; 251 st. 32 t. 26-27
- Research University, Washington, D. C.
- Rhode Island State College, Kingston, R. I.—fd. 1892; 518 st. 45 t. 26-27
- Ripon College, Ripon, Wis.—fd. 1851; 450 st. 30 t. 26-27
- Robert College, Constantinople, Turkey, one of the 6 American Colleges in the Near East, under direction of the Near East College Association, New York, N. Y.—fd. 1863; 730 st. 28-29
- Rochester, University of, Rochester, N. Y.—fd. 1850; 1,329 st. 250 t. 26-27
- Rollins College, Winter Park, Fla.—fd. 1884; 240 st. 21 t. 25-26
- Rush Medical College, Chicago, Ill.—ch. 1837, op. 1843; in operation independently 1843-87; medical department of Lake Forest University, 1887-98; affiliated with University of Chicago 1898-1924; part of University of Chicago since 1924
- Rutgers University, New Brunswick, N. J.—fd. 1766; 1,900 st. 150 t. 26-27
- Sam Houston State Teachers College, Huntsville, Tex.
- San Francisco State Teachers College, San Francisco, Calif.—became teachers college 1921; 40 t. 25-26



- San Jose State Teachers College, San Jose, Calif.—op. 1862, became teachers college 1921; 100 t. 25-26
- Saskatchewan, University of, Saskatoon, Sask.—fd. 1907; 1,094 st. 75 t. 26-27
- Shantung Christian University, Tsinanfu, China—an American university
- Shaw University, Raleigh, N. C.—fd. 1865; 328 st. 26 t. 26-27
- Simmons College, Boston, Mass.—fd. 1899; 1,200 st. 125 t. 26-27
- Simmons University, Abilene, Tex.—fd. 1890; 790 st. 40 t. 24-25
- Simpson College, Indianola, Iowa—fd. 1867; 734 st. 44 t. 26-27
- Sioux Falls College, Sioux Falls, So. Dak.—fd. 1883; 125 st. 16 t. 26-27
- Skidmore College, Saratoga Springs, N. Y.—fd. 1911; 634 st. fall '29; 55 t. 26-27
- Smith College, Northampton, Mass.—fd. 1871, one of leading American colleges for women; 2,158 st. 204 t. 26-27
- Sofia College, Sofia, Bulgaria—one of the 6 American Colleges in the Near East, under direction of Near East College Association, New York
- South Dakota State College of Agriculture and Mechanic Arts, Brookings, S. Dak.—est. 1881, op. 1884; 909 st. 125 t. 26-27
- South Dakota State School of Mines, Rapid City, S. Dak.—est. 1885; 250 st. 20 t. 26-27
- South Dakota, University of, Vermillion, S. Dak.—fd. 1882; 1,027 st. 95 t. 26-27
- Southern California, University of, Los Angeles, Calif.—fd. 1880; 6,500 st. 410 t. 26-27
- Southern Illinois Normal University, Carbondale, Ill.
- Southern State Teachers College, Springfield, S. Dak.—est. 1881, op. 1897 as Normal School
- Southwest Missouri State Teachers College, Cape Girardeau, Mo.
- Spearfish State Teachers College, Spearfish, S. Dak.—est. 1883, became teachers college 1924
- St. Louis College of Pharmacy, St. Louis, Mo.
- State Dental College, Dallas, Tex.—open 1905-18, then taken over by Baylor University
- State Teachers College, Dickinson, N. Dak.
- State Teachers College, Mayville, N. Dak.—op. 1890, became teachers college, 1925; about 900 st. 26-27
- State Teachers College, Minot, N. Dak.—est. 1913 as Normal School
- State Teachers College, Oshkosh, Wis.—op. 1871, college curriculum authorized 1921; member, American Association of Teachers Colleges; 58 t. 24-25
- State Teachers College, San Diego, Calif.—op. 1898, became teachers college 1921; about 50 t. 25-26
- State Teachers College, Valley City, N. Dak.—op. 1890, became teachers college 1921; about 750 st. in each of the Fall, Winter, and Spring Quarters, 1927-28; 986 st. took work in the Music Department 27-28; 2,697 individual st. enrolled in all departments 27-28
- Stephens College, Columbia, Mo.—fd. 1856; 615 st. 60 t. 24-25
- Stout Institute, Menomonie, Wis.—org. as training school for teachers 1903; four-year course and degree-granting power since 1917
- Straight College, New Orleans, La.—under auspices of American Missionary Association
- Susquehanna University, Selinsgrove, Pa.—org. 1894; 550 st. 52 t. 28-29
- Swarthmore College, Swarthmore, Pa.—fd. 1864; 561 st. 80 t. 26-27
- Syracuse University, Syracuse, N. Y.—fd. 1870; 5,188 full-time st., 6,882 full-time, part-time, and summer st. 28-29
- Syrian Protestant College, Beirut, Syria—fd. 1866; since 1920, the American University of Beirut; 772 st. 121 t. 26-27
- Talladega College, Talladega, Ala.—fd. 1867; 225 st. 48 t. 26-27

- Tennessee, University of, Knoxville, Tenn.—fd. 1794; 2,468 st. 318 t. 26-27
- Territorial Normal and Training School, Honolulu, Hawaii—fd. 1896; about 55 t. Member, American Association of Teachers Colleges
- Texas Agricultural and Mechanical College, College Station, Tex.—fd. 1876; 2,416 st. 200 t. 26-27
- Texas Christian University, Fort Worth, Tex.—fd. 1873; 1,412 st. 73 t. 26-27
- Texas Medical College and Hospital, Galveston, Tex.
- Texas Technological College, Lubbock, Tex.—op. 1925; 1,000 st. 80 t. 26-27
- Texas, University of, Austin, Tex.—fd. 1883; 5,794 full-time st., 8,259 full-time, part-time, and summer st. 28-29
- Texas Woman's College, Fort Worth, Tex.—fd. 1914; 401 st. 32 t. 26-27
- Thiel College, Greenville, Pa.—fd. 1870; 278 st. 30 t. 26-27
- Toledo, University of the City of, Toledo, Ohio—org. 1909; 1,594 st. 115 t. 24-25
- Tougaloo College, Tougaloo, Miss.—est. 1869, ch. 1871, first Normal class graduated 1879, first A.B. conferred 1901; 70 college st., 165 academy st. 27-28
- Trinity University, Waxahachie, Tex.—fd. 1869; 436 st. 30 t. 26-27
- Tsing Hua College (American Indemnity College), Peking, China—has a distinguished body of alumni
- Tufts College, Medford, Mass.—fd. 1852; 2,194 st. 409 t. 26-27
- Tulane University of Louisiana, New Orleans, La.—fd. 1834; 2,988 st. 415 t. 26-27
- Tulsa, University of, Tulsa, Okla.—fd. 1894; 390 st. 25 t. 26-27
- Union College, Schenectady, N. Y.—fd. 1795; 850 st. 68 t. 26-27
- United States Military Academy, West Point, N. Y.—fd. 1802; 1,008 cadets, 168 t. 26-27
- United States Naval Academy, Annapolis, Md.—fd. 1845; 1,551 midshipmen, 209 t. 26-27
- Urbana, University of, Urbana, Ohio
- Utah, Agricultural College of, Logan, Utah—op. 1890; 1,222 full-time st., 417 summer st., 87 t. 27-28
- Utah, University of, Salt Lake City, Utah—fd. 1850; 3,000 st. 173 t. 26-27
- Valparaiso University, Valparaiso, Ind.—fd. 1873; 400 st. 45 t. 26-27 formerly had several thousand st.
- Vanderbilt University, Nashville, Tenn.—fd. 1873; 1,400 st. 284 t. 26-27
- Vermont, University of, and State Agricultural College, Burlington, Vt.—fd. 1791; 1,119 st. 150 t. 26-27
- Virginia, Medical College of, Richmond, Va.
- Virginia Polytechnic Institute, Blacksburg, Va.—fd. 1872; 1,200 st. 113 t. 26-27
- Walla Walla College, College Place, Wash.—fd. 1892; 321 st. 32 t. 26-27
- Wartburg College, Clinton, Iowa—fd. 1868; 50 st. 8 t. 26-28
- Washburn College, Topeka, Kans.—fd. 1865; 834 st. 71 t. 26-27
- Washington and Lee University, Lexington, Va.—est. as academy 1749; 927 st. 26-27
- Washington Missionary College, Takoma Park, Washington, D. C.—op. 1904; 220 st. 34 t. 26-27
- Washington, State College of, Pullman, Wash.—fd. 1890; 2,881 st. 182 t. 26-27
- Washington State Normal School, Ellensburg, Wash.—op. 1891; 618 st. 24-25
- Washington University, St. Louis, Mo.—fd. 1853; 2,964 st. 460 t. 26-27
- Washington, University of, Seattle, Wash.—fd. 1854; 7,282 full-time st., 10,339 full-time, part-time, and summer st. 28-29



- Waynesburg College, Waynesburg, Pa.—ch. as academy 1810, ch. as college 1850; 283 st. in the college, 195 st. in the School of Music, 27-28
- Wellesley College, Wellesley, Mass.—fd. 1875; 1,592 st. 28-29
- Wells College, Aurora, N. Y.—fd. 1868; 240 st. 38 t. 26-27
- Wesleyan University, Middletown, Conn.—fd. 1831; 621 st. 63 t. 26-27
- Wesley College, Grand Forks, N. Dak.
- Western College for Women, Oxford, Ohio—fd. 1853; 403 st. 40 t. 26-27
- Western Reserve University, Cleveland, Ohio—fd. 1826; 3,612 st. 450 t. 26-27 (12,662 full-time, part-time, and summer st. 28-29)
- Westminster College, New Wilmington, Pa.—fd. 1852; 500 st. 33 t. 26-27
- Westminster College, Salt Lake City, Utah—fd. 1892; 221 st. 17 t. 24-25
- West Virginia University, Morgantown, W. Va.—fd. 1867; 3,051 st. 190 t. 25-26
- Wheaton College, Wheaton, Ill.—fd. 1860; 481 st. 33 t. 27-28
- Wichita, Municipal University of, fd. 1926; 631 st. 40 t. 26-27
- Willamette University, Salem, Ore.—fd. 1842; 609 st. 46 t. 25-26
- William and Mary, College of, Williamsburg, Va.—fd. 1693; 1000 st. 72 t. 26-27
- Williams College, Williamstown, Mass.—fd. 1793; 800 st. 78 t. 27-28
- William Smith College, Geneva, N. Y.—college for women, coordinated with Hobart College, for men
- Wilmington College, Wilmington, Ohio—est. 1863, op. 1868; 343 st. 30 t. 27-28
- Winthrop College, Rock Hill, S. C.—fd. 1886; 1,698 st. 105 t. 26-27
- Wisconsin College of Music, Milwaukee, Wis.
- Wisconsin College of Physicians and Surgeons, Milwaukee, Wis.
- Wisconsin, University of, Madison, Wis.—est. 1848, op. 1849 with preparatory school of 20 pupils and 1 teacher; 9,042 full-time st., 12,939 full-time, part-time, and summer st. 28-28
- Wittenberg College, Springfield, Ohio—fd. 1845; 863 st. 83 t. 26-27
- Woman's Medical School, Northwestern University, Chicago, Ill.—  
Woman's Hospital Medical College, 1870-79; Woman's Medical College of Chicago, 1879-92; Northwestern University Woman's Medical School, 1892-1902; closed 1902
- Wyoming, University of, Laramie, Wyo.—fd. 1887; 1,020 st. 85 t. 26-27
- Yale University, New Haven, Conn.—fd. 1701; 4,990 st. 28-29; 560 t. 26-27
- Yankton College, Yankton, S. Dak.—fd. 1881; 300 st. 33 t. 26-27
- Young College, Logan, Utah—open at least 1894-1916
- Young University, Provo, Utah—fd. 1875; 1,300 st. 90 t. 26-27

## ADDENDA

- Drexel Institute, Philadelphia, Pa.—org. 1891; 1,200 st. 100 t. 28-29
- Louisiana State University, Baton Rouge, La.—org. 1860; 2,000 st. 180 t. 28-29
- Stevens Institute of Technology, Hoboken, N. J.—org. 1870; 425 st. 55 t. 28-29
- Temple University, Philadelphia, Pa.—org. 1884; 12,390 st. 570 t. 28-29
- Union College, Lincoln, Neb.—org. 1890; 310 st. 34 t. 28-29
- Vassar College, Poughkeepsie, N. Y.—org. 1861; 1,150 st. 150 t. 28-29

## ADDENDA

**ANDERSEN, OLAF**, Examen Artium, 1901; Examination for Reserve Officers, Royal Norwegian War College, 1902; Examen Philosophicum, University of Oslo, 1903; Candidatus Realium, University of Oslo, 1911. **Lecturer** (with professorial rank) in Petrographic Analysis, Stevens Institute of Technology, Hoboken, N. J., 1930—. Instructor, University of Oslo, 1910-11; Petrologist, Geophysical Laboratory, Carnegie Institution of Washington, 1912-18; also engaged in industrial research work for the War Industries Board under the auspices of Carnegie Institution of Washington, 1917-18; Government Geologist (Statsgeolog), Norwegian Geological Survey, Oslo, 1918-28; also Instructor, University of Oslo, 1918-28; Petrologist, Research Laboratory, U. S. Steel Corporation, Kearney, N. J., 1928—; Lecturer, Stevens Institute of Technology, 1928-30; Consulting Petrologist, 1930—. **Author:** *Ildfaste oksyders fysikalske kemi* (Physical Chemistry of Refractories), Norges Geologiske Undersøkelse, Publication No. 101, 1922; *Feltspat I. Feltspat-mineralenes egenskaper, forekomst og praktiske utnyttelse* (Properties, Occurrence, and Exploitation of Feldspar Minerals), Norges Geologiske Undersøkelse, Publication No. 128A, 1926; *Feltspat II & III* (with T. F. W. Barth, containing description of 262 feldspar deposits in Southern Norway). Norges Geologiske Undersøkelse, Publication No. 128B, 1931; "On epidote and other minerals from Notodden," *Archiv for Matematik og Naturvidenskap*, Vol. 31, No. 15, 1911; "The Crystallographic and optic properties of Magnesium and Manganese Pyrophosphates," *Journal of Washington Academy of Sciences*, Vol. 4, No. 12, 1914; "The Binary System  $MgO-SiO_2$  (with N. L. Bowen), *American Journal of Science*, Vol. 37, 1914, German translation of same in *Zeitschrift f. anorganische Chemie*, Vol. 87, 1914; "The System Anorthite - Forsterite - Silica," *ibid.*, Vol. 39, 1915, German translation of same in *Neues Jahrbuch f. Mineralogie*, etc., Beilage Band 40, 1916; "On

Adventurine Feldspar," *ibid.*, Vol. 40, 1915, German translation of same in *Zeitschrift f. Kristallographie*, etc., Band 54, 1922; "Adventurine Labradorite from California," *American Mineralogist*, Vol. 2, No. 7, 1916; "A Method for Determination of Volatile Matter in Lead Oxide," *Journal of American Ceramic Society*, Vol. 2, No. 10, 1919; "Optisk glas," *Bergverksnyt*, No. 7 and 8, 1919; "Om forskningsinstitutter," *Tidsskrift f. Kemi*, No. 6, 7 and 8, 1920; "Mellon-institutet i Pittsburg," *Teknisk Ukeblad*, No. 27, 1920; "Franklininstituttet," *ibid.*, No. 42, 1924; "Om norske dolomiter" (with O. Høltedahl), *Norges Geologiske Undersøkelse*, Publication No. 102, 1922; "En forekomst av ren kvarts i Krødsherred," *ibid.*, Publication No. 103; "Norges Geologiske Undersøkelse, dens opgaver og virksomhet," Norges Geologiske Undersøkelses *Smaaskrifter*, No. 1, 1922; "Systemet  $Al_2O_3-SiO_2$ ," *Tidsskrift f. Kemi og bergvesen*, No. 4, 1924; "The Genesis of some Types of Feldspar," etc., *Norsk Geologisk Tidsskrift*, Vol. 10, h. 1-2, 1928; also various minor reports and reviews in Norwegian and American journals, and papers presented to learned societies of Oslo and Washington. Various lectures delivered in Norway and in the United States. **Member:** Geological Society of Washington; Norsk Geologisk Forening, Oslo (president, 1923-24, member of council, 1924-25); Geologiska Föreningen, Stockholm; Polyteknisk Forening, Oslo; Norsk Kemisk Selskap, Oslo; Nordmandsforbundet; New York Mineralogical Club; American Mineralogical Society. Represented Norsk Geologisk Forening at the International Geological Congress, Toronto, 1913; delegated by Norwegian Government to study research institutions in the United States, 1919; awarded the Reusch Medal by the Norwegian Geological Society for paper on "The Genesis of Some Types of Feldspar," 1930. **Biography** in *Studenterne fra 1901*, Gröndahl & Son, Oslo, 1926; *American Men of Science*, forthcoming edition. **Born** at Hønefoss, Norway, March 12, 1884.



**ANDERSON, WILLIAM, Ph.D.** Contributor to *The American Year Book*, 1926. One of the "mature scholars of demonstrated capacity in completing undertakings which promise significant contributions to the social sciences" to be granted an award by the Social Science Research Council, 1931, to complete research project dealing with "The existing units of local government in the United States." (See biography on page 12.)

**ANDREASEN, M. L., A.B.,** University of Nebraska, 1920; Student, University of Copenhagen and University of Chicago; M.A., University of Nebraska, 1922. **President of Union College, Lincoln, Neb., 1931—** President of Hutchinson (Minn.) Theological Seminary, 1910-18; Dean of Union College, Lincoln, Neb., 1918-22; Head of Theological Department, Washington (D. C.) Missionary College, 1922-24. President, Greater New York Conference, S. D. A., 1908-10; President, Minnesota Conference, 1924-31; also Secretary of the Department of Religious Liberty, and Chairman of the Executive Committee, Minnesota Conference. **Author:** *Isaiah, the Gospel Prophet* (3 vols.), Review and Herald Publishing Association, Washington, D. C., 1927; *Minor Prophets*, in preparation; also numerous articles in educational and religious journals. Lectures delivered constantly. **Born** in Copenhagen, June 4, 1876; father came from Näs, Romerike.

**ARLTON, ALEXANDER V.,** B.S., St. Olaf College, 1909; M.S., University of Wisconsin, 1918; Add. Grad. Study, State University of Iowa. Professor of Biology, Dakota Wesleyan University, Mitchell, S. Dak., 1922-28. Formerly Supt. of Schools; on faculty of Wartburg (Iowa) College, 1910-12; Carthage College, 1918-19; Instructor in Animal Biology, State University of Iowa, 1921-22. **Author:** "The Regeneration of Animal Fragments," *Proceedings of South Dakota Academy of Science*; "Factors in Lymph Flow," *ibid.*; "Pitfalls in Teaching Biology," *South Dakota Educational*

*Journal*; "Ecology of the Common Mole," and other papers. **Member:** American Eugenics Society; Phi Beta Phi. **Born** at Roland, Iowa; parents came from Hardanger.

**BERDAHL, CLARENCE A.,** Ph.D. Professor of Political Science, University of Illinois, 1930—. Granted an award by the Social Science Research Council, 1931, to complete research project dealing with "The methods by which the governments carry on their relations with the League of Nations, with special reference to the Scandinavian countries." (See biography on page 18.)

**BLEGEN, THEODORE C.,** Ph.D. Elected Superintendent of the Minnesota Historical Society, 1931. Author of *Norwegian Migration to America*, published by the Norwegian-American Historical Association, Northfield, Minn., 1931.

**DAHL, OTTO G. C., M.S.** Awarded a fellowship by the John Simon Guggenheim Memorial Foundation, 1931, to pursue studies of European electric power transmission. (See biography on page 45.)

**ELIASSEN, REUBEN H., A.M.** On research staff, Bureau of Educational Research, Ohio State University, 1929—. (See biography on page 51.)

**ELLESTAD, REUBEN B., M.S.** Instructor in Geology, and Chemist at the Rockefeller Rock Laboratory, University of Minnesota, Minneapolis, Minn., 1930—. (See page 51.)

**ENESS, CLARA ELVIRA,** Graduate, Olivet College of Music, 1909; Mus.B., 1910; Pupil of Joseph Lhevinne, Berlin, 1913-14. Instructor in Pianoforte, Olivet College, Olivet, Mich., 1914-18 or longer. Assistant Instructor in Pianoforte, Olivet College, 1910-13.

**FINGARSON, GEORGE EDWIN, B.A.;** Captain of Infantry, U. S. Army. Assistant Professor of Military Science, University of Wisconsin, Madison, Wis., 1929—.

**FLOM, GEORGE T.**, Ph.D. Contributor to *Dictionary of American Biography*, Scribners, New York 1928—. (See biography on page 60.)

**FRISCH, RAGNAR**, Ph.D. Elected member of Yale University "Chapter of Sigma Xi, a scholarship society whose members have shown their ability to carry on independent investigations of a high order," 1931. (See biography on page 65.)

**FRISWOLD, INGOLF O.** Instructor in Education, University of Minnesota, Minneapolis, Minn., 1930—.

**FURGASON, WALDO H.** Instructor in Biology, Leland Stanford University, 1929—. (See biography on page 67.)

**GJESDAHL, MAURICE S.**, M.S. Assistant Professor of Mechanical Engineering, Pennsylvania State College, 1929—. (See biography on page 70.)

**GRONDAHL, L. O.**, Ph.D. His inventions, constantly growing more numerous, include a device by which the sun's rays can be converted into electric current — pointing to immense possibilities in the utilization of sunlight. Member, Norwegian-American Historical Association. (See biography on page 72.)

**HALVORSON, NELIUS O.**, B.A., Luther College, 1921; M.A., State University of Iowa, 1925; Ph.D., *ibid.*, 1929. Assistant Professor of English, Iowa State Teachers College, Cedar Falls, Iowa, 1929—.

**HANSEN, ARILD E.**, B.S., University of Minnesota, 1922; B.M., *ibid.*, 1924; M.D., *ibid.*, 1925. Instructor in Pediatrics, University of Minnesota, Minneapolis, Minn., 1930—. (See biography of Conrad J. Hansen, page 79.)

**HANSEN, EINAR AUGUST**, Ph.D. Professor of Education, Ohio University, Athens, Ohio, 1930—.

**HESKIN, OSCAR E.**, A.B., Luther College, 1922; A.M., University of Minnesota, 1926; Work toward Ph.D., Harvard University, 1927-28. Instructor in Business Administration, University of Minnesota, Minneapolis, Minn., 1929—. Assistant in Economics, University of Minnesota, 1926-27; Thayer Scholar in Economics, Harvard University, 1927-28; Assistant in Business, University of Minnesota, 1928-29. Author: *The Economic History of Banking in North Dakota*. Born at Portland, N. Dak.; father, Ole N. Heskin, came from Etne-dalen, Valdres; nephew of the late Hon. Sven N. Heskin, of Portland, N. Dak.

**KOREN, JOHN**, A.B. Contributor to *The American Year Book*, 1914-1919 eds. (See biography on page 126.)

**KOREN, WILLIAM**, A.M. Associate Professor of Modern Languages, Princeton University, 1929—. (See biography on page 127.)

**LAMPLAND, CARL OTTO**, B.S., Valparaiso University, 1899; A.B., Indiana University, 1902; A.M., *ibid.*, 1905; LL.D. *ibid.*, 1930. Exchange Professor of Astronomy, Princeton University, Princeton, N. J., 1928-29. Astronomer, Lowell Observatory, Flagstaff, Ariz., 1903 to date; member of Lowell Observatory Eclipse Expedition to Kansas, 1918; member of solar eclipse expedition to Ensenada, Mexico, 1923; Assistant to Dr. Percival Lowell (1855-1916, founder of Lowell Observatory) in making observations of the planets Mars, Venus, Jupiter, and Saturn. Has made photographic observations of planets, satellites, comets, nebulae, novae, and star fields; has discovered many variable stars and changes in nebulae; "is credited with the first photographs of Mars that were of scientific value. He had a share in the discovery of the new planet Pluto," the discovery of which, in Feb. 1930, "was the most noteworthy astronomical event of the year," with W. W. Coblentz



made the "first successful measurements of planetary radiation from Mars," 1922 (see *Encyclopedia Britannica*, 1929 ed.); has also made determination of planetary temperatures. **Author** of the following papers, based on radiometric observations, and referred to, discussed or quoted in *Encyclopedia Britannica*, 1929 ed., vol. 14, pp. 961-964: *Notes on Visual Experiment*, Lowell Observatory Bulletin No. 10, Dec. 1903; "On Photographing the Canals of Mars," *Lowell Obs. Bull.* No. 21; *Preliminary Notes on Photographic and Spectrographic Observations of Halley's Comet* (with V. M. Slipher), *Lowell Obs. Bull.* No. 47; *Comet A 1920*, *Lowell Obs. Bull.* No. 57; *Positions of Variables and Asteroids Discovered on Photographs of Star Fields*, etc., *Lowell Obs. Bull.* No. 61; "Observations of the Condensations near the Nucleus of Comet 1915 a (Mellish)," *Lowell Obs. Bull.* No. 70, May 1915; "On the Proper Motion of B. D. -11 .3342," *Lowell Obs. Bull.* No. 70, Aug. 1915; *Observations of Nebulae for Position and Proper-Motion*, *Lowell Obs. Bull.* No. 73; "Measurements of Planetary Radiation" (39 pp., with W. W. Coblentz), *Lowell Obs. Bull.* No. 85, Jan. 1923; "Some Measurements of the Spectral Components of Planetary Radiation and Planetary Temperatures" (with W. W. Coblentz), *Journal of Franklin Institute*, vol. 199, pp. 785-841, and vol. 200, pp. 103-126, June-July, 1925; "Planetary Temperatures Derived from Water-Cell Transmissions" (with D. H. Menzel and W. W. Coblentz), *Astrophysical Journal*, vol. 63, pp. 177-187; "Further Radiometric Measurements and Temperature Estimates of the Planet Mars, 1926" (with W. W. Coblentz), *Scientific Papers of the Bureau of Standards*, No. 553, Government Printing Office, June 1927; "Temperatures of Mars, 1926, as derived from the Water-Cell Transmissions" (with W. W. Coblentz and D. H. Menzel), *Publications of the Astronomical Society of the Pacific*, vol. 39, 1927. Awarded medal by the Royal Photographic Society of Great Britain for photo-

graphs of the planet Mars, 1907. **Member:** American Astronomical Society; Astronomical Society of the Pacific; American Mathematical Society; Mathematical Association of America; American Physical Society; American Meteorological Society; Seismological Society of America; Sigma Xi; Astronomische Gesellschaft; Société Astronomique de France; hon. member, Sociedad Astronomica de Mexico; Fellow, American Association for the Advancement of Science; Fellow, American Academy of Arts and Sciences; elected member of the American Philosophical Society at its annual meeting in Philadelphia, April 24, 1931. **Biography** in *Who's Who in Science—International*, London, 1914; *Who's Who in America*; *American Men of Science* (classed as one of America's leading astronomers). **Born** at Hayfield, Minn., Dec. 29, 1873; parents, Ole Helleckson and Beret (Skartum) H., came from the vicinity of Drammen.

**LARSEN, HENNING**, Ph.D. Professor of English, State University of Iowa, 1929—. Member, Norwegian-American Historical Association. (See biography on page 129.)

**LARSEN, J. A. O.**, Ph.D. Associate Professor of History, University of Chicago, 1930—. (See biography on page 129.)

**LARSON, LAURENCE M.**, Ph.D. One of the "scholars of unusual ability chosen from among those who have demonstrated unmistakable aptitude for constructive scholarship" to be awarded a grant by the American Council of Learned Societies, 1931, to complete a project. (See biography on page 134.)

**MELBY, ERNEST OSCAR**, B.A., St. Olaf College, 1913; M.A., University of Minnesota, 1926; Ph.D., University of Minnesota, 1928. Associate Professor of Education, Northwestern University, Evanston, Ill., 1929—. Teacher of

Science, High School, Alexandria, Minn., 1913-14; Principal of High School, Breckenridge, Minn., 1914-15; Supt. of Schools, Brewster, Minn., 1915-17; Supt. of Schools, Blackduck, Minn., 1917-20; Supt. of Schools, Long Prairie, Minn., 1920-26; on the faculty of Education, College of Education, University of Minnesota, 1926-27; Assistant Director of Bureau of Educational Research, College of Education, University of Minnesota, 1927-28. **Author:** *The Organization and Administration of Supervision in Cities Having a Population of 10,000 to 20,000* (thesis for Ph.D.), Bloomington, Ill., 1929; *Supervision of Instruction in High School; A Study of Techniques and Organization* (with J. M. Hughes, published as Northwestern University Contributions to Education, School of Education Series, No. 4), Public School Publishing Company, Bloomington, Ill., 1930; "Rules, Regulations and Written Instructions as Administrative Controls," *School Board Journal*, April-June, 1927; "Organization of High School Supervision in Certain Cities," *School Review* (School of Education, University of Chicago), vol. 37, pp. 736-746, Dec. 1929. **Born** at Lake Park, Minn., Aug. 16, 1891; parents came from Oslo.

**MOE, ANNE C.**, B.A. Instructor in Home Economics, Drexel Institute, Philadelphia, Pa., 1927-28.

**MOE, HENRY ALLEN**, L.H.D. Selected by the Carl Schurz Memorial Foundation as a member of the board of trustees which is entrusted with the administration of the fund of One Million Dollars donated by Gustave A. Oberlaender to establish an endowment for the promotion of good-will between the people of the United States and Germany, 1931. "The money will be distributed over a period of twenty-five years among mature persons who would like to study in Germany, are interested in international affairs, and are qualified to interpret their findings to the American people." *Mother*

was a niece of the poet Aasmund Olafsen Vinje. (See biography on page 154.)

**MOE, OLE K.**, A.B., State University of Montana, 1924. Instructor in History and Physical Education, Montana State Normal College, Dillon, Mont., 1927—.

**MOLSTAD, MELVIN CARL.** Assistant Professor of Chemical Engineering, Yale University, 1931—. (See biography on page 155.)

**MORBECK, GEORGE C.**, M.F. Lecturer in Forest Products, University of Wisconsin, 1929—. (See biography on page 155.)

**MUUS, JALMAR O.**, J.D. Instructor in Law, University of North Dakota, 1931—. (See biography on page 158.)

**NOER, OVID**, B.S. Instructor in Soils, University of Wisconsin, Madison, Wis., 1915-16. Assistant in Soils Laboratory, University of Wisconsin, 1913-14; Assistant Chemist, 1916-17.

**NOMLAND, RUBEN**, B.A., University of North Dakota; M.D., Rush Medical College. Clinical Instructor in Dermatology, University of Chicago, Chicago, Ill., 1930—.

**OLSEN, N. A.**, A.M. Contributor to *Encyclopedia Britannica*, 1929 ed. Selected by Secretary Hyde to represent U. S. Department of Agriculture at International Wheat Conference, London, May 18, 1931. (See biography on page 178.)

**OLSEN, OTTO M.**, A.B. Associate in Architecture, University of Illinois, Urbana, Ill., 1925-27.

**OSTENSEN, FLOYD CLIFFORD**, Ph.D. Instructor in Physics, University of Wisconsin, Madison, Wis., 1929—.

**OSTERHUS, GUSTAV K.**, A.B., Columbia University, 1914; A.M.,



Columbia University, 1915. Instructor in History and Economics, Muhlenberg College, Allentown, Pa., 1917-18. Later in military service.

**REYERSON, LLOYD H.**, Ph.D. Professor of Chemistry, University of Minnesota, 1930—. (See biography on page 201.)

**ROCKNE, KNUTE KENNETH**, B.S. Killed in an airplane crash while en route to California, March 31, 1931. "South Bend, Ind., March 31.—News of the death of Knute Rockne came as a stunning blow to Notre Dame University and to all of South Bend. Flags throughout the city are at half staff. Men, women and children who knew the famous coach seem to be dazed by the sudden passing. The entire university is in mourning." *N. Y. Times*, April 1, 1931.

"Nothing has ever happened at Notre Dame that has so shocked the faculty and student body as the tragic news that came at noon today of the accident which took the life of Knute K. Rockne. \* \* \* Everybody was proud of Rockne. Everybody admired him. But far more than that, we loved him. Apart from the unique and deserved success which he achieved as director of athletics and football coach, he was a great personality, with the attributes of genius. His loss is in many ways irreparable." Dr. Charles L. O'Donnell, president of the University of Notre Dame.

"Knute can't be dead; I don't believe it! The best friend I ever had. Without doubt Rock was the greatest figure of intercollegiate athletics." Bill Ingram, coach, University of California. Tears welled into the drawn eyes of Glenn Warner, veteran mentor of Stanford University. "He was the greatest figure in football today," said Warner as his voice trembled.

"He had been about six years getting to the college at South Bend, Ind., after he graduated from the Northwestern Division High

School (now Tully) in Chicago. He had to earn the money first. By working as a railroad brakeman and later as a mail clerk in Chicago, he accumulated \$1,000 and reached the age of 22. \* \* \* After his graduation in 1914, Rockne remained at Notre Dame to teach the young men \* \* \* football. He did it with such success that the public in Chicago has paid as much as \$400,000 at the gate in recent years to see Notre Dame in one of its big games. Last year, as a physical indication of Rockne's influence on the corporate fortunes of the college, Notre Dame opened a \$750,000 stadium in South Bend, Ind." *N. Y. Times*, April 1, 1931. In 1925 Rockne was called to Columbia University at a salary of \$25,000 a year; the University of Notre Dame, however, did not release him from a ten-year contract signed the previous year at \$10,000 a year. "As a coach, of course, Rockne's record is one of the most remarkable that any coach of any sport has ever piled up. \* \* \* (In 1930) there were, throughout the country, North, South, East and West, twenty-three head coaches of football from Notre Dame without naming the assistants here and there. Notable among them are Walsh (Adam Walsh of the Yale Coaching Staff) and Rip Miller, who has this year been elevated to head coach at Navy." *N. Y. Times*, April 1, 1931. "One of the finest tributes to Coach Rockne and his football system has been the wide demand for coaches who learned the game from him. It is estimated that during the first dozen years of the Rockne regime between 50 and 60 Notre Dame players were engaged as football mentors in other colleges and universities in all parts of the country." *N. Y. World-Telegram*, March 31, 1931.

"He possessed a culture that made him equally at home when addressing a gathering of society folks and when speaking to a football squad." "He was the most outstanding football coach in the country. He will be remembered

not only for his instruction in football, but also for his instruction in clean sportsmanship." Albert O. Wittmer, Football Coach, Princeton University. "He was the greatest football coach and the finest fellow I ever knew." Lou Little, Football Coach, Columbia University. "Mr. Rockne was probably the greatest football genius this country has ever seen, but aside from that he was known and admired for his sterling qualities as a gentleman and a leader." Prof. Philip O. Badger, Chairman of the Board of Athletic Control, New York University. "Unquestionably the greatest of football teachers." Dr. Marvin A. Stevens, Head Coach, Yale University. "He was one of the greatest geniuses of all time." William J. Bingham, Athletic Director, Harvard University. "The most colorful figure of all football history has made his last touchdown. Always generous to an opponent and a god to his men, football loses its most brilliant personality, Notre Dame its greatest teacher of high character, West Point an ardent supporter." Major Ralph J. Sasse, Head Army Football Coach. "Knute Rockne was the finest character and the greatest leader football ever knew. Football will never know another like him." John F. Meehan, Football Coach, New York University, and president of the American College Football Coaches Association. "He was more than a creator of fine football teams. He was a builder of character. And because he was that, his untimely passing is a loss to the country." Patrick J. Hurley, Secretary of War.

Upon arrival of the body of Knute Rockne at Chicago on the way from Kansas, a throng of 15,000 persons stood at the Dearborn Street Station, including delegations from the University of Chicago, Northwestern University, Loyola and De Paul Universities, the Chicago Board of Trade, men high in political life and from every class, who "were on hand to pay tribute to the fame and friend-

ship of the genius of the gridiron." Judge Walter Steffen "stood bare-headed with tears coursing down his face as the body was sent on its way." Arriving at South Bend, "eight thousand persons stood in sorrowing silence" in that city.

"Knute Rockne is dead. And who was he? Ask the President of the United States, who dispatched a personal message of tribute to his memory and comfort to his bereaved family. Ask the King of Norway, who sends a special delegation as his personal representatives to this solemn service. Ask the several State Legislatures now sitting that have passed resolutions of sympathy and condolence. Ask the thousands of newspaper men, whose labor of love in his memory has stirred a reading public of 125,000,000 Americans. \* \* \* What was the secret of his irresistible appeal to all sorts and conditions of men? \* \* \* When we say that he was an inspirer of young men in the direction of high ideals that were conspicuously exemplified in his own life, we have covered much that unquestionably was true of him. \* \* \* He might have gone to any university in the land and been gladly received and forever cherished there." Dr. Charles L. O'Donnell, president of the University of Notre Dame, at the funeral services, where thousands bared and bowed their heads, while millions listened over the radio as the services were being broadcast through a nation-wide network involving seventy-nine stations and carrying the words of the speakers to foreign countries.

"At 4 P. M. the cortege of fifty limousines, escorted by a squadron of nine motorcycle policemen, began its final journey to the cemetery. Thousands stood in massed formation and with heads bared in the little country graveyard, where the services again were brief and impressive. \* \* \* Floral tributes, sent from everywhere, were in profusion at the Rockne home in Sunnymeade. The little spare lot was filled with them and the grave



was heaped high. Rockne's grave lies just off the beaten highway of Portage Road. It is located two and a half miles from the stadium that Rockne and his genius built as a fitting memorial to football, and along the road that once Knute, the immigrant Norse boy, traveled to Notre Dame twenty years ago with a worn suitcase in his hand." *N. Y. Times*, April 5, 1931. "His passing is a national loss." Herbert Hoover, President of the United States. (See biography on page 204.)

**ROVELSTAD, HENRY RANDOLPH**, B.A., St. Olaf College, 1911; D.D.S., Northwestern University College of Dentistry, 1915. Instructor in Physiology, Northwestern University College of Dentistry, Chicago, Ill., 1916-18. Assistant in Physiology, same, 1915-16; practicing dentist, Elgin, Ill.

**SAND, OTTO**. Professor of Violin, Harmony, and Counterpoint and Director of Orchestra, Albion College, Albion, Mich., 1902-03 and probably before.

**SKARTVEDT, NORMAN F.** Instructor in Physical Education, Pacific University, Forest Grove, Ore., 1913-14.

**STEJNEGER, LEONHARD H.**, Cand. Phil., University of Oslo, 1872; Cand. Jur., *ibid.*, 1875; hon. Ph.D., *ibid.*, 1930. Head Curator of Biology, United States National Museum, Washington, D. C., 1911 to date. With the U. S. National Museum since 1882; Curator of Reptiles, 1889-1911. Author of numerous books and treatises, including the greater part of the volume on Birds in *Standard Natural History* (the New York Public Library contains 49 of his publications). Chairman, Publication Committee, Smithsonian Institution. Listed in *American Men of Science* as one of America's leading biologists. Awarded the Walker Grand Prize by the Boston Society of

Natural History. Delegate from Smithsonian Institution to International Ornithologists' Congress, 1905; member of permanent committee of this congress; delegate from same Institution to International Congress of Zoology, 1901, 1904, 1907, 1913, and 1927; member of permanent committee of this congress and of its committee on nomenclature (see his interesting paper on the history of nomenclature). **Member:** National Academy of Sciences; Academy of Science, Washington and Oslo; hon. member: California Academy of Sciences; British Ornithological Union; cor. member: Academy of Natural Sciences, Philadelphia; Zoological Society, London; Ornithological Society, Bavaria; Peking Natural History Society; Fellow, American Ornithologists' Union; Fellow, American Association for the Advancement of Science; President, National Biological Society, Washington, 1907; Vice-President, American Society of Ichthyology and Herpetology, 1916; President, same, 1919. **Biography in** *Who's Who in Science—International*, London, 1914; *American Men of Science*, since 1906 ed.; *Who's Who in America*; *Who's Who Among North American Authors*; *Twentieth Century Dictionary of Notable American Authors*; *Aschehous Konversationsleksikon*, Oslo; *Salmonsens Konversations Leksikon*, Copenhagen; *Nelson's Encyclopedia*, New York; *Encyclopedia Americana*; *New International Encyclopedia*, New York. The inclusion of his biographical sketch in the present work (being the only scientist listed herein who has not held a position directly in the field of education) is intended as a tribute to the law clerk of Bergen who became a leading scientist of America. Born in Bergen, Oct. 30, 1851; came to the United States, 1881.

**TEIGEN, PETER**, M.Arch. Associate Professor of Art, Princeton University, 1931—. (See biography on page 239.)

**THOMASSEN, LARS**, Chem. Eng., Ph.D. Assistant Professor of Chemical Engineering, and Assistant Investigator in Engineering Research, University of Michigan, Ann Arbor, Mich., 1929—.

**THRANE, EMMA G.**, A.B. Instructor in Education, Sioux Falls College, Sioux Falls, S. Dak., 1927-28.

**THULIN, BJARNE**, Dipl. Ing., Norway Institute of Technology, Trondheim, 1923. Instructor in Engineering Research, Pennsylvania State College, State College, Pa., 1927-28.

**TITTERUD, M. E.** Instructor in Engineering, University of Minnesota, Minneapolis, Minn., 1918-19.

**TUVE, ROSEMOND, A.M.** Instructor in English, Vassar College, Poughkeepsie, N. Y., 1929—. (See biography on page 253.)

**UNSTAD, LYDER L.**, M.A. Author: "Norwegian Election," *Nation*, Jan. 14, 1931. Second cousin, Jens Eggvin, was the oceanographer of the *Norvegia* expedition of 1930-31, on which the *Norvegia* made the first continuous circumnavigation of the Antarctic Continent in one season, making a voyage of more than 14,000 miles in less than 4 months, and making numerous geographical and oceanographic discoveries of great importance (see the *New York Times* for Feb. 19, 1931). (See biography on page 255.)

**URNES, MAGNUS PETER**, B.A., St. Olaf College, 1917; M.D., Northwestern University Medical School, 1921. Instructor in Obstetrics, Northwestern University Medical School, Chicago, Ill., 1929—. Physician and Surgeon, Chicago. Member: American Medical Association; Chicago Medical Society; Fellow, American College of Surgeons. Born at Prairie Farm, Wis.; paternal grandfather came from Indre Sogn; father, Rev. J. A. Urnes, was President of St. Ans-

gar (Iowa) Seminary, 1904-06, and has served as pastor in Minnesota, Wisconsin, Iowa, and Texas since 1889; mother née Sulland.

**VEBLEN, THORSTEIN BUNDY**, Ph.D. Biography in *New International Encyclopedia*, New York; *New International Yearbook*, 1929; *American Economic Review*, vol. 19, pp. 742-745, Dec. 1929; *Sociological Review*, vol. 21, pp. 342-345, Oct. 1929; *Southwestern Political and Social Science Quarterly*, vol. 10, pp. 56-68, June 1929. (See biography on page 258.)

**VOLD, GEORGE B.**, Ph.D. Assistant Professor of Sociology, University of Minnesota, 1930—. (See biography on page 260.)

**WOLD, PETER I.**, Ph.D. Awarded a grant of \$1,200 by the National Research Council, 1931, to carry on investigations bearing on the electrical properties of metals, and particularly to study "an expanded form of mercury obtained by treating sodium amalgam with ammonium chloride. The mercury thus obtained has about forty times the volume of normal mercury." See *New York Times*, June 14, 1931. (Biography on page 267.)

**YENSEN, TRYGVE D.**, Ph.D. "Practical application in industry of the super-magnetic alloy known as hipernik that will save the world millions of dollars a year, was announced" on May 25, 1931. Discovered by Dr. Yensen in 1923, hipernik is asserted to be "the nearest approach to the ideal magnetic alloy that has been developed," and the use of it in power and light transformers can save about one-half of the ten billion kilowatt hours of energy in heat now being wasted by the 10,000,000 transformers that furnish power and light to the United States. See *New York Times*, May 26, 1931. (Biography on page 269.)

Note: With a view to possible future editions of this work the compiler will greatly appreciate having his attention called to errors or omissions in the present volume.



